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# DRUG & CHEMICAL MARKETS

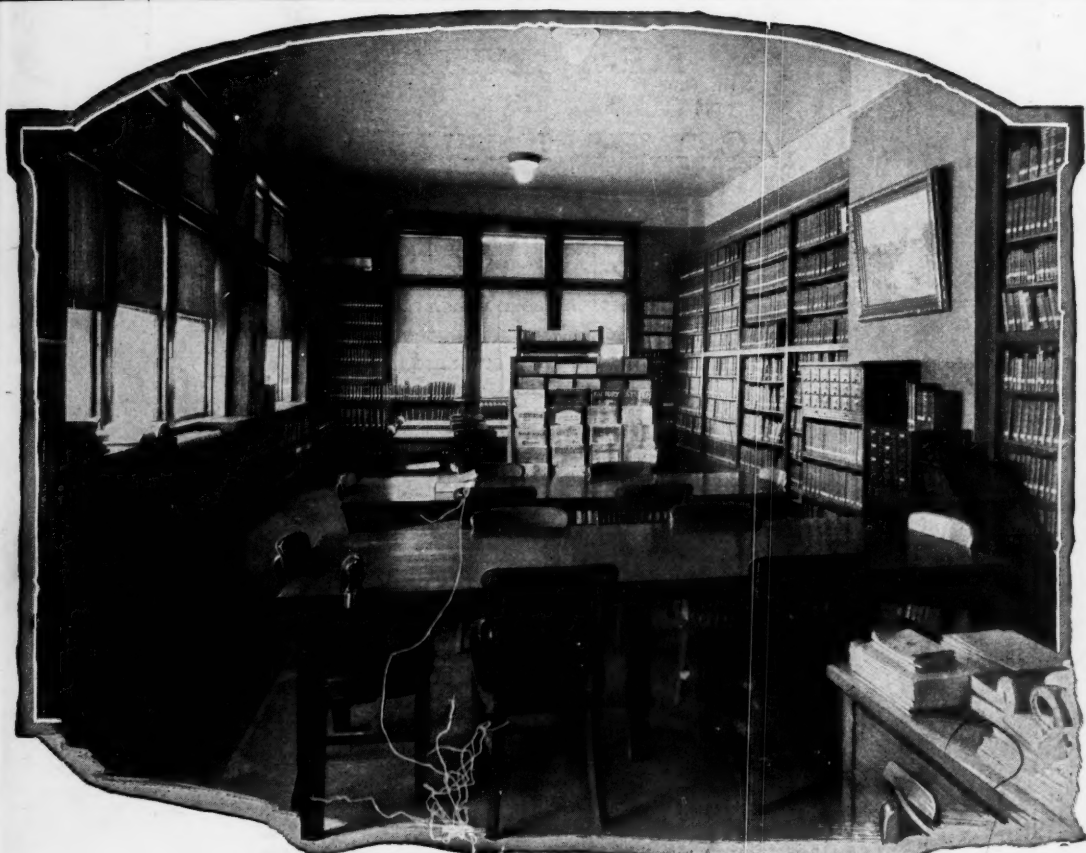
Established 1914

A Weekly Business Paper and Prices Current on  
Chemicals, Drugs, Colors, and Aromatics

VOL. XVII

NEW YORK, OCTOBER 14, 1925

No 16



## What is Practical Research

Pharmaceutical  
Chemicals

Some



Products include

Heavy Chemicals  
Intermediates  
Dyes  
Aromatic Chemicals  
Insecticides  
Magnesium Metal

As we look at it, practical research involves the study, experiment and experience which goes to make our products and our service most useful, most dependable and most economical to those who deal with us.

Every trade has its research problems; the questions which arise in the pharmaceutical trades naturally vary from those presented by the textile, leather, or rubber manufacturer. The problems of the industrial plant or the highway engineer are still different.

So, for the hundreds of Dow men engaged in working out these problems, The Dow Chemical Company maintains one of the most extensive chemical libraries as well as large and well equipped laboratories. Dow sales have been largely increased by research work on the problems of Dow Customers. Let us help you with your chemical problems.

**THE DOW CHEMICAL COMPANY - MIDLAND, MICHIGAN**

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Branch Sales Offices

Second & Madison Sts., Saint Louis

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MAKES A BETTER TABLET AT A LOWER COST

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PURE CRYSTALS  
OF  
ACETYL SALICYLIC ACID

IT flows readily on the tablet machine, thus eliminating granulation and permits of the production of an Aspirin Tablet which according to official methods shows a negative test for uncombined (free) Salicylic Acid.

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MONSANTO SALICYLATES

and may be had on a contract for Monsanto Salicylates Assorted, permitting withdrawals over an extended period

*May we quote upon your requirements?*

**Monsanto Chemical Works**  
**St. Louis, U.S.A.**

NEW YORK

CHICAGO

# MONSANTO



# MATHIESON Chemicals

## *Reduce Operating Costs By Using Liquid Caustic Soda*

**WE** HAVE long emphasized the economy of Liquid Caustic Soda in tank cars for large consumers having siding facilities and a favorable freight rate from a source of supply. Consider the needless waste involved in the following operations:

Caustic Soda, when first manufactured, consists of a solution containing 75% or more of water. To furnish solid caustic, fuel must be consumed to drive off all this water, drums must be provided as containers and labor expended in filling and handling the drums. At the consumer's plant the operations are reversed; the solid caustic is made once more into a water solution, at considerable cost for handling and cutting open many drums, dissolving the solid caustic and disposing of the worthless empty drums.

The use of Liquid Caustic Soda eliminates this needless expense at both ends. The consumer effects a material reduction in operating costs and our saving in production costs is reflected in a lower price per hundred pounds of Mathieson Caustic Soda in liquid form.

Mathieson Liquid Caustic Soda is supplied from Niagara Falls, and Saltville, Va., in a solution containing 50% sodium hydroxide. Our technical staff will be glad to assist consumers interested in these economies.

*The* **MATHIESON ALKALI WORKS Inc.**  
250 PARK AVE. NEW YORK CITY  
PHILADELPHIA CHICAGO PROVIDENCE CHARLOTTE

*Caustic Soda ~ Liquid Chlorine  
Bicarbonate of Soda  
Anhydrous Ammonia*



*Soda Ash ~ Bleaching Powder  
Modified Virginia Soda  
Aqua Ammonia*

**Deal Direct with the Manufacturer**



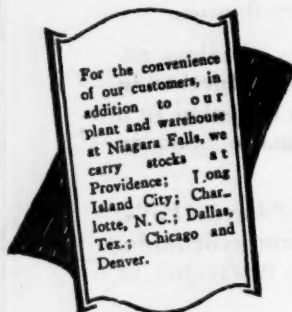
## Your requirements



## Our guide

**ENTHUSIASM** is a great staple with us. It manifests itself by a zeal to put quality into Niagara Alkali Company products and E B G Liquid Chlorine, as well as to increase this satisfaction by serving your best interests.

Your requirements are the blue prints that guide the manufacture and distribution of these chemicals. That we serve you well is emphasized by the increasing number of organizations who turn to us to satisfy their needs for chemicals made to a high standard.



For the convenience of our customers, in addition to our plant and warehouse at Niagara Falls, we carry stocks at Providence; Long Island City; Charlotte, N. C.; Dallas, Tex.; Chicago and Denver.

**Liquid Chlorine**  
**Caustic Soda**  
 (flaked, solid or liquid)  
**Caustic Potash**  
 (flaked, solid or liquid)  
**Bleach**  
**Paradichlorobenzene**  
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Affiliated with  
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 Sales Agents for CAUSTIC SODA and BLEACH



**Electro Bleaching Gas Co.**  
 PIONEER MANUFACTURERS OF LIQUID CHLORINE

Plant: NIAGARA FALLS, N.Y.  
 Main office 9 East 41st Street New York

## DRUG & CHEMICAL MARKETS

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**VOL. XVII**

**No 16**

## The Week in Brief

### News

The National Wholesale Druggists' Association elected officers for the ensuing year and heard reports on prohibition and business conditions at its annual meeting in Detroit.

Imports of perfume materials and chemical salts during September amounted to 14,820 pounds, valued at \$25,177.

September dye imports show decline compared with August, but were heavier than in September, 1924.

Advantages of a chemical exchange are pointed out by the Hamburg correspondent of DRUG & CHEMICAL MARKETS in a description of the proceedings daily enacted on "Die Boerse" and the stabilizing effect upon commercial transactions.

Opposition to price cutting in the drug trade and strong support of bills to legalize resale prices is developing among manufacturers.

### Markets

Technical epsom salts easier. Sodium fluoride shaded. Ammonium persulfate offered by domestic manufacturer. Ammonium chloride quiet. Domestic makers report a heavy demand for most heavy chemicals.

Light oils unchanged. Benzene easy. Solvent naphtha and xylene very tight. Pyridine fairly steady. Cresylic acid lower. Intermediates quiet. Ortho-toluidine firm. Meta-nitro-para-toluidine down.

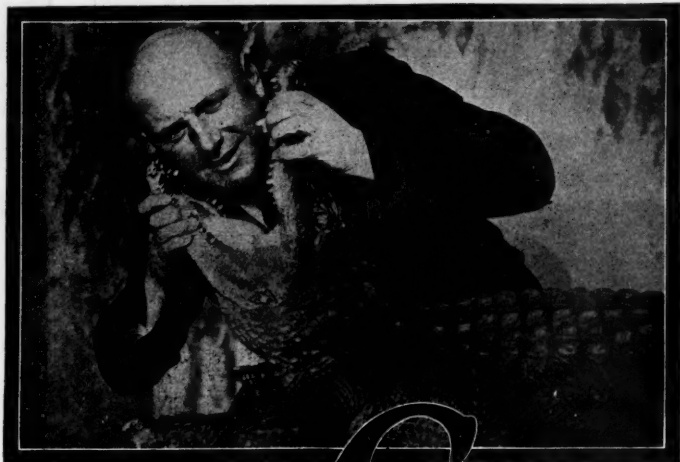
Tallow weakens. Cottonseed oil breaks on crop report. Coconut oil still unobtainable. Olive oil foots easier. Chinawood oil steady. Linseed oil firm. Rapeseed oil easy.

Trading in fine chemicals has fallen off somewhat but prices are generally firm. Quicksilver has recovered slightly and codliver oil is easier.

Consuming demand for crude drugs is not up to recent levels, but prices show an upward trend, due to scarcities at primary sources. Shipment prices are generally higher than spot prices.

Price changes were numerous in essential oils with many advances due to scarcity of products and speculation.





Captain Wall of Berlin is shown with his head in the "jaws of death". Yet he has no fear of the 175 teeth of his powerful pet.

# Confidence

**R & H**  
CHEMICALS  
AND  
SERVICE

*The unusual sales and distributing facilities of The Roessler & Hasslacher Chemical Company are now offered manufacturers of non-competing products who do not wish to undertake the tedious and expensive process of building up a competent sales staff.*

*We will be glad to hear from firms desirous of being placed in touch, on an economical basis, with consumers or prospective buyers of their commodities.*

CONFIDENCE is a state of mind created by a feeling of safety.

Confidence in an institution is generated by implicit belief in its fair dealing—in its products—by the knowledge that satisfactory performance is assured.

R & H Chemicals have attained full measure on the yardstick of confidence. Into their making go knowledge, experience and painstaking labor—as "The Consumer Knows."

And our faith in the consumer's recognition of quality is being increasingly rewarded.

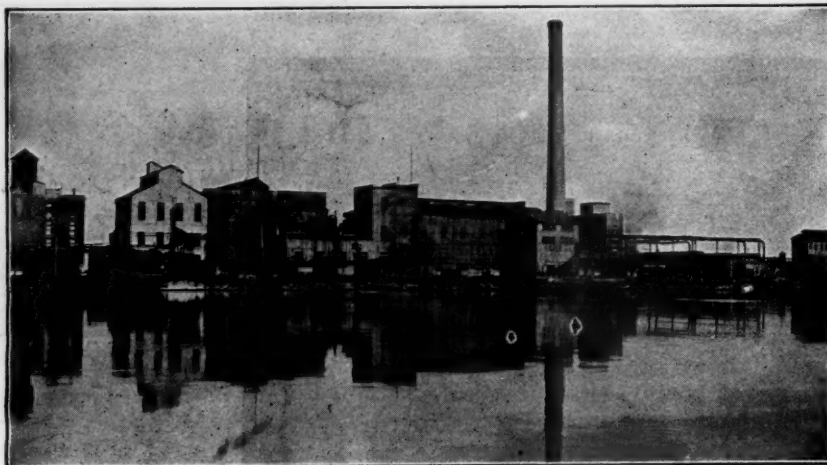
43rd



Year

*The*  
**ROESSLER & HASSLACHER CHEMICAL CO.**

709 Sixth Avenue, New York



*General view of a few of the producing units of the company's plant*

## SCIENTIFICALLY ELIMINATING WASTE—

**T**HE plant of the U. S. Industrial Chemical Co. has been specially planned and built to eliminate waste.

Most of the equipment installed in the various buildings was designed by the company's own staff of chemical engineers—and constructed in the company's own machine shops and laboratories.

This equipment—as well as its scientific installation and operation—is the outcome of years of experience in chemical manufacture. Its efficiency and economy are unsurpassed.

The U. S. Industrial Chemical Co. produces a wide variety of chemicals—to serve a wide range of important industries. For all the by-products resulting from the manufacture of each principal chemical are utilized to make other chemicals of value to science and industry.

A special experimental organization is constantly engaged in

## BY SAVING EVERY POSSIBLE BY-PRODUCT

the study of this most important problem—the saving and utilizing of every possible by-product. Through the work of this research staff many new uses for chemicals have been discovered and developed—and by-products formerly wasted have been given industrial uses. For example, highly valuable products have even been recovered from combustion gases formerly regarded merely as “smoke.”

This organization obtains its raw materials in large quantities, at advantageous prices. It develops every possible use of these materials with utmost economy and efficiency—minimizing and stabilizing its production costs.

Thus the U. S. Industrial Chemical Co. is in a position to offer to industry not only a wide variety of highest grade chemicals, but at prices that, quality for quality, are consistently the lowest that any manufacturer can offer.

### Industrial chemicals produced by this company

Acetic Ether	Ethyl Alcohol, Absolute
Acetone, Refined	Ethyl Alcohol, C. P. 96%
Ammonium Sulphate	Ethyl Lactate
Amyl Acetate	Ethyl Oxalate
Amyl Alcohol	Ethyl Phthalate
Butyl Acetate	Ethylene
Ether, Absolute	Isobutyl Alcohol, Refined
Ether, Anesthesia	Normal Propyl Alcohol, Technical
Ether, U. S. P.	I. C. Potash
Ethyl Acetate (Acetic Ether)	Refined Fusel Oil
Ethyl Acetate, Anhydrous	
Ethyl Aceto-Acetate	

**U. S. INDUSTRIAL CHEMICAL CO., Inc.**

EXECUTIVE OFFICES: 110 EAST 42nd STREET, NEW YORK

*Branches in all principal cities*

# For the Lake Trade

Among the products that comprise the Calco list of dyes and intermediates are the following Specialties that are standardized particularly for the manufacture of pulps, paints and printing inks:

## *Acid Color*

Calco Lake Orange  
11, 11YS  
Calco Lake Scarlet  
2R, RX, 3RX  
Calco Bordeaux BS, B, Y  
Calco Tartrazine RXL, MCG  
Calco Naphthol Yellow

## *Basic Colors*

Calco Methylene Blue  
2B, 2BC, 2BX  
Calco Methyl Violet  
4BB Ex. Conc.  
Calco Malachite Green V  
Calco Fuchsine RS  
Calco Crystal Violet

## *Intermediates*

Calco Beta Naphthol  
Calco Paranitriline  
Calco Meta Nitro Para  
Toluidine  
Calco Mono Sulphonic Acid

## *Specialties*

Calco Nigrosine Base  
Calco Victoria Blue Base  
Calco Methyl Violet Base  
Calco Alkali Blue L

In addition to these products we are prepared to furnish special types to meet your particular requirements.

*Let us help you select the Calco  
Standard best suited to your needs.*

"A Mark of Quality"



**THE CALCO CHEMICAL COMPANY**  
**Bound Brook N.J.**

Canadian Representative, Dillons, Ltd., Montreal, Toronto



SINCE 1858 THE WORLD'S LARGEST MAKERS OF QUALITY BAGS

## Bemis Waterproof Bags Lower Shipping Costs



Careful investigation of the various methods commonly used for shipping dry chemicals reveals that many inefficient practices are now being followed. Excessive capital tied up in high-priced machinery and packing equipment, the large amount of storage space needed for storing empty containers, high labor costs—all these are sure to increase shipping costs. Even more sales and bigger profits can't protect you against this constantly growing loss.

In every instance where BEMIS WATERPROOF BAGS have replaced boxes, barrels, drums or other containers in shipping dry chemicals, a reduction in costs has been noted. In some cases this saving has been estimated as high as fifty per cent.

BEMIS WATERPROOF BAGS, made especially for use in dry chemical

shipping, are the result of years of experience and technical skill devoted to the manufacture of quality bags. For the exterior of the bag best quality burlap is used; tough, tightly woven and tear-proof. A special Bemis lining is cemented to this fabric, making the bag texture waterproof. By this special construction the contents of a BEMIS WATERPROOF BAG are protected from dampness, air, moisture, sifting or possible deterioration from contact with other chemical agents in shipping.

It will pay you to investigate the saving, convenience made practical through the use of BEMIS WATERPROOF BAGS. We will be glad to assist in every way possible in helping you eliminate your shipping problems.

**Bemis Bro. Bag Company**  
407 Poplar St., St. Louis, Mo.

## Bemis Waterproof Bags

### Free Samples!



Write us for samples, specifications and prices of BEMIS WATERPROOF BAGS designed especially for the chemical trade. You are sure to find materials and sizes suited to your needs.

# DRUG & CHEMICAL MARKETS

VOL. XVII

NEW YORK, OCTOBER 14, 1925

No 16

## STRICTER SELLING

Probably every seller of chemical and drug products has more than once wished that his goods could be sold at an open, fixed price; known in advance, not subject to frequent violent fluctuations. Because this is an economic impossibility, the emphasis of sales competition is of necessity more directly on price than on any other feature, and yet there are recent tendencies among buyers which show an increased interest in other factors than dollars and cents. It is rather curious to note, that it is within the chemical field itself that this interest is displayed in a most lively and practical form. There has appeared recently an increasing demand by purchasing agents that goods be delivered as per definite specifications as to chemical content. This return to more serious consideration of the quality of the goods and the character of the seller is only another bit of evidence that the muddled waters of chemical and drug trading are beginning to clear up. Responsible consumers are asserting themselves in the words of the old Scotch proverb: "Cheat me in the price but not in the goods". Sellers will do well to remember another time-worn adage, that "The recollection of quality remains in the mind of the purchaser long after the price is forgotten".

## THE CARTEL CONSOLIDATES

The long-talked-about combination of the companies composing the German dye cartel, into a single corporation, with exchange of stock and consolidation of plants, has just been completed, according to advices from Hamburg. The Cartel is reorganizing its machinery for more efficient operation and lower costs, to consolidate and strengthen its position in the chemical and dye-stuff world. Plants working on products requiring coal or lignite as a starting point, will be moved to the lignite fields. Those units capable of producing certain classes of dyes most cheaply will make them exclusively, while others will drop their production. All efforts are toward mass production at minimum costs.

In the United States, an echo of the move for greater efficiency in Germany, is heard in the news of consolidation of selling and manufacturing units in the dyestuff fields. On October first, a manufacturer, also sales representative for one of the largest German dye makers, became part of the General Dyestuff Corp., into whose hands the sale of German dyes in this country, seems to be devolving. Dame Rumor has it that another of the large selling agencies in America will also join the

Corporation later and that negotiations are now under way.

Consolidation of the Cartel is rapidly being placed under centralized control, not only in Germany, but over the entire world. Out of chaos, the Germans are slowly, but surely, welding together a powerful machine to encompass the globe in the sale of their goods. The amalgamated Cartel is headed by Dr. Bosch, the inventor and certainly the industrial advocate of the new solvents and fertilizers, which Badische is developing. The fact that Dr. Bosch heads the new organization has an obvious significance.

## WHY CONTINUE EXCLUSION?

During the Chemical Exposition in New York, a well-known brand of filter paper was ruled out because of its foreign origin. The sellers of this foreign-made paper immediately hired a store opposite to the Grand Central Palace where the chemical show was being held, and staged an impromptu exhibit of their own. "Sandwich men" were hired to walk up and down in front of the exposition building, carrying placards which announced this lone exhibit.

The episode caused a stir and again brought up the old question of admitting foreign exhibits at the Chemical Exposition. The question has been thrashed out many times and each time, the "exclusionists" have won on the ground that the Exposition is primarily a display of American-made products. That the sentiment behind excluding foreign exhibits was born of pride in our war-won chemical progress, nurtured by jealousy, and now continued by selfish habit, appears fairly obvious. Many of the exclusionist group feel that American chemistry cannot yet afford to give foreigners an opportunity to gain a foothold in the Chemical Exposition.

Perhaps no more vigorous champion of the cause of the American manufacturer of chemicals or allied products has fought than DRUG & CHEMICAL MARKETS, but it has been our belief that the restriction of the Chemical Exposition to purely American exhibits, unquestionably restricts the value of the show. To keep out foreign exhibitors, is not to exclude the sale of their goods in this country. Developments in the United States during the last five years have placed domestic manufacturers in a position to welcome comparison with foreign products in the matter of quality. Europe no longer has a monopoly on high grade products or machines. Ours are equally as good. To throw open the Chemical Exposition to the entire

world is not only the American spirit in business, but it would increase the value of the exhibits many times to the chemical process industries of the United States.

In the fight against corrosion the chemical industry has a broader interest than finding a method of prevention. Manufacturers always have suffered from the effect of corrosion in plant equipment. In the dye industry, in the manufacture of oils, in separation tanks and filters, in drying chemicals, in castings, pump rods and in a hundred other details of chemical work, corrosion creeps in and handicaps the work, prevents the attainment of desired results and sometimes is the cause of inferior products. Even the consuming industries, textiles, rubber, glass and paper, which use only the purest chemicals, cannot escape the ravages of disintegration. Research has discovered its causes, and it remains for chemistry to find a remedy which will protect the industries from this enormous annual waste.

While rayon plants are still rapidly multiplying in Europe, England, the United States and even in Japan, the home of natural silk, news comes from Italy that the largest manufacturer of artificial silk in that country has successfully produced a new fibre that may supplant rayon and drive woolen and cotton goods off the market. Changes come thick and fast in these days of chemical research, but it is hard to believe that the manufacture of goods from wool and cotton will be abandoned for a synthetic product for many years to come. The world is slow to adopt new material for clothing, and the qualities of the new product must undergo severe tests before it will be accepted even as a substitute in case of need.

Having accomplished the linguistic feat of importing *Sodium Paraoxyphenylarsenate* without missing a syllable, a well known chemical house has tested the chemical and philological resources of the Treasury Department by requesting a drawback on the product because it is to be used in the manufacture of *Acid acetyloxyaminophenyl-Arsenic-Stovarsol* for export. It may seem to be an unfriendly act to export a product with such a name to countries that never did us any more harm than sending their surplus criminals over here, but considering its usefulness in medicine they may not complain. In that case the drawback will have no comeback.

London experts are analysing cosmetics that were found in the tomb of Tutankhamen, still plastic and fragrant, in the hope that they will be able to reproduce them for the women of today.

The United States Supreme Court has refused to permit the reopening of the action of the Government against the Cement Manufacturers' Association and the Maple Flooring Manufacturers' Association involving their right to issue certain statistics for the benefit of their members. These cases were decided in favor of the associations at the last session of the court.

## WHO'S WHO— in the Chemical Industry

**Clarence George Derick**, v. pres. and mgr., Gary & Chesterton Chem. Co., Chesterton, Ind.; pres. and treas., Derick Laboratories, Buffalo, N. Y. Born: Sutton, Que., Canada, Oct. 29, 1883. Mar.: Edith Lillian Blowe, Worcester, Mass., 1907. Eucat.: Worcester Polytechnic Inst., S. B., 1906; Univ. of Illinois, M. S., 1910; Univ. of Illinois, Ph. D., 1911. Business: Univ. of Illinois, asst. instructor associate, asst. professor, 1907-16; Schoellkopf Aniline & Chemical Wks., director research, 1916-17; Natl. Aniline & Chemical Co., director research, 1917-21; By Products Steel Corp., v. pres. and director, 1921-24; Bypro Chemical Corp., v. pres. and director, 1924. Member of Natl. Research Council. Author: various works in chemistry; industrial research; development processes manufacture intermediates, dyes, chemicals. Member: Chemists' Club (N. Y.), Chicago Chemists' Club, Univ. Club of Buffalo, Sigma Xi, Phi Lambda Upsilon, Amer. Chem. Soc. (Councillor and chmn., Div. of Organic Chemistry), Amer. Assn. for Advancement of Science (Fellow), American Wood Preservers Assn. Hobby: Tennis.

**Benjamin M. VanCleve, Jr.**, assistant manager, Dye, Color & Chemical Dept., Sherwin-Williams Co., New York. Born: Morristown, N. J., Jan. 19, 1896. Mar.: Editha C. Robinson, Brooklyn, N. Y., Mar. 26, 1925. Educat.: Princeton Univ., (B. S.) 1917. Business: Sherwin-Williams Co., representative 1920-22; asst. mgr., Dye Color & Chemical Dept., 1922 to date. Ensign in U. S. Navy 1917-19. Member: Princeton Club, Salesmen's Assn., Morristown Lodge No. 188 F. & A. M., (Master 1925), also Chapter and Commandery. Hobbies: Tennis and canoeing.

**Ira Vandewater**, asst. treas., R. W. Greeff & Co., New York. Born: Brooklyn, New York, June 3, 1893. Mar.: Anna Neumann, Woodhaven, L. I., N. Y., Mar. 3, 1919. Educat.: Public schools, Brooklyn. Business: T. M. Curtius, 1906; Nat'l. Aniline & Chem. Co., 1907-18; R. W. Greeff & Co., 1918 to date. In Adjutant General's Office, Washington, D. C., 1918-19. Member: Druachem Club, Bethel Lodge, F. & A. M. Hobbies: Golf and swimming.

**Salmon Willoughby Wilder**, president, Merrimac Chemical Company, Boston, Mass. Born: Lawrence, Mass., Feb. 10, 1870. Mar.: Marcia Russell Sawyer, Oct. 17, 1895. Educat.: Public schools and abroad, Mass. Inst. of Technology, (S. B. in chemical engineering), 1891. Business: Russell Paper Co., Lawrence, Mass., and Wm. Russell & Son, Boston & Bellows Falls, Vt., 1891-97; Merrimac Chem. Co., 1897 to date; mgr. 1899; treas., 1901; pres., 1907 to date. Member, Newton School Board, Newton, Mass., member, Corporation, Mass. Inst. of Tech., member, Exec. Com., U. S. Chem. Warfare Assn. During the war, engaged in manufacture of munitions and explosives for U. S. Govt. and Allies. Member: Synthetic Organic Chem. Mfrs. Assn (chmn. of the Board), Mfg. Chemists Assn. (treas. and member of Exec. Com.), Society of Chem. Industry (former chmn. of N. E. Sec.), Amer. Chem. Society (former chmn. of Northeastern Sec.), Exchange Club (Boston), Univ. Club (Boston), Charles River Country Club (Newton), Advisory Com., Chem. Div., U. S. Dept. of Commerce. Hobbies: Fishing and golf.



# Chemicals on the Hamburg Exchange

## *An Inside Glimpse of Daily Trading on "Die Boerse" and how Chemical Sales are Handled*

By the Hamburg Correspondent of DRUG & CHEMICAL MARKETS

**T**HE Hamburg Exchange, or as it is known over here, "Die Boerse," contrary to the various American exchanges, combines under one roof trading in all commodities. Every branch of business is represented; whether to trade in coffee, cocoa, wheat, hides, drugs or chemicals; whether an importer or an exporter, manufacturer or broker, dealer or speculator; whether to arrange for marine insurance, whether to book freight to foreign ports or whether to buy or sell stocks, bonds, foreign exchange, everybody goes to "Die Boerse." It simplifies business to such an extent that the merchant by spending an hour daily at the exchange can really negotiate the essential part of his business within that period and with no further exertion than to walk under the shelter, on one floor, to any other business man with whom he has to trade. Every business concern of any importance is represented at the Exchange. Membership can be obtained at a nominal fee and it would be unheard of for any concern, in any regular line of business, not be a member.

The building is so arranged that each branch of trade has a section to itself. Thus, in one part of the building are all the stock brokers, a special place for foreign exchange dealers and special seats reserved for the members of the big banks. In another corner of the building are represented the insurance companies and insurance brokers. A few steps away are representatives of the steamship companies, where concerns like the Hamburg-American Line have small offices, which are used only during the exchange hours. Across the floor, are found the sections where the coffee dealers are located and so on through all the branches of trade. One of the largest sections is reserved for the chemical trade and allied lines, where practically all business is done through brokers. Hamburg, being the chief continental import and export center has naturally a predominance of merchants whose business is the import and export trade. From the far corners of the earth, goods are shipped into Hamburg. Hamburg reships, in turn, to all corners of the world the products manufactured in Germany, Austria and Czechoslovakia, Scandinavia and other European industrial centers.

### The Export Procedure in Chemicals

Consider the saving of time for the exporter. He receives in his morning's mail from a customer in South America, twenty different orders, ranging from hardware and dry goods to food products and furniture or for ten different chemicals. At a certain time of the day he goes to the exchange and finds there, within a few steps, all the appointed sales representatives of all the chemical manufacturers in Germany. He can, by telephone from his office, ask these representatives or brokers to give him the quotations at the Exchange and on the floor he receives all offers from every factor, enabling him to place his order immediately, at the same time booking freight, insurance, etc. Whether a factory is located at Frankfurt or



*The Hamburg Boerse*

Berlin, whether in the North or South of Germany, if the factory is of consequence, there will be an agent in Hamburg who goes to the exchange daily and sees his prospective customers. But, not only the Germans but also the big Dutch, Belgian, French and other foreign manufacturers have their sales representatives in Hamburg. Without a trace of exaggeration, more than 90 per cent of all business that is placed in Hamburg, is consummated at the exchange.

It actually brings together at "Die Boerse" the buyer and the seller, sometimes direct, mostly through brokers or representatives and the saving of time can easily be appreciated, as compared with the way business is done ordinarily from office to office.

To illustrate the working at the Exchange, let us assume that Fritz Hubermayer & Co. in Breslau are in the market for 25 tons of oxalic acid. He wires his broker in Hamburg to buy this quantity for him. The broker receives the telegram on the floor of the exchange, or in his office before he goes to the exchange. He immediately, on the floor, sees the representatives of the three or more makers of this material, also the second hands and gets their prices and deliveries.

If Mr. Hubermayer has full confidence in his broker, he has probably instructed him to buy at the market, or given him a limit at which to buy. If the broker finds that he can do better for his principal, the latter derives the full benefit of this; if he finds he cannot buy at the limit received, he gets his party on the long distance telephone in the Exchange, and informs him of prices. As there is no question that the broker has had prices from each and every one of the factors, Mr. Hubermayer is fully informed about the market and can immediately decide whether he wants to buy his 25 tons. If the price is attractive, he may want to increase his order, or if price does not suit him, only buy about 5 tons to cover his immediate needs, leaving it to the broker to pick up the other 20 tons at the right moment, when prices are more in his favor. The

importer's business is facilitated in the same way, because whether he imports chemicals or anything else, he will dispose of his wares at the exchange through brokers to the traders or consumers.

#### No Official Records Kept

No prices or official records of transactions consummated at the exchange are kept (with the exception of the stock and bond dealings), but immediately after a deal has been closed, the broker sends his confirmation to the buyer and seller and unless same is corrected, in case of mistakes, by the official exchange time the following day, it stands as binding to all parties concerned. In case of a dispute later on, there is a special arbitration committee for every particular branch of trade whose findings are binding. All disputes must be submitted to such arbitration committee within a given period of time. How this procedure eliminates the irresponsible dealers can easily be appreciated.

Prior to the war, anyone could go on the floor of the exchange but this has been changed and guests can only be admitted by proper guests cards, issued to regular members only and for which there is a small fee. Every firm represented at "Die Boerse" has a definite place where a representative can always be found, large firms often sending three or four representatives. There are many columns in the building and these are numbered with figures and letters and most firms have the location of their seat or stand printed on their letter heads. In addition there is an exchange directory, where any stranger can, at a glance find out where he can find the firm with whom he intends to do business.

The official exchange time is from a quarter of two until two thirty. The building is open from about twelve to four but during that time only the stock brokerage houses have their representatives there, otherwise the building is deserted. During the official three quarters of an hour, "Die Boerse" becomes a regular bee-hive, it often becomes so crowded that it is hard to move from place to place. It is a matter of principle to be there during this time and in order to insure attendance and punctuality of the members, a small fine for lateness of thirty pfennigs, which is about seven and one-half cents, is collected at the doors, which goes to some charitable institution. It is surprising how much a matter of honor it has become to be there on time. An old familiar sight worth seeing is to watch the patriarchs of the city, often with their high silk hats, running for blocks to escape paying this small fine. In all the restaurants where the Hamburg citizenry lunch, a bell is sounded five minutes before the official Exchange time, to remind them to pay their lunch checks and hurry, so that they do not come too late.

#### Stabilizing Influence

One more feature of the Exchange is the cable and telegraph service. All messages that reach the firms that are represented at the Exchange during the Exchange hours are delivered to them, through a specially kept telegraphic service at their accustomed places in the building. Some of the firms have small seats in order not to have to stand around for such a long time and for this there is quite a substantial additional charge.

It is a matter of honor to be in good standing at "Die Boerse" and in case of firms using methods not considered ethical or not fulfilling contracts, their names are posted and they are frequently expelled for a certain length of time or even indefinitely, which practically puts such a firm out of business. Every

firm that finds itself in financial difficulties is obligated immediately to inform the Exchange Board.

The lighter side of life is served at the Exchange by most social dates being made there whether for golf or bridge, concerts or theatre. Many a good joke originates there and finds its way into general circulation. The Exchange is the heart of Hamburg's business, one of the greatest stabilizing influences in the commercial life of Germany.

#### AMERICAN CYANAMID CO. TO SELL DIRECT

American Cyanamid Co., New York, announces that effective Jan. 1, 1926, the sales of sodium and potassium prussiate manufactured by them will be handled directly by their own sales force under the direction of G. Thorn. This terminates the present arrangement under which Henry Peabody & Co., New York, are exclusive sales agents for these products in this country.

Wilson D. Lyon, manager of the import department of Henry Peabody & Co., resigned Oct. 1 with no announcement of his future plans. Appointment of a successor is not anticipated in the near future.

Under pressure of Japan's soda ash industry the Monopoly Bureau is considering the selling of salt at a low price to the manufacturers of soda ash that they may be able to meet the competition of British importers. At present salt is sold to soda ash producers at 1.10 yen per 100 kin, but the manufacturers insist that the price must be cut to 40 sen, or the industry aided by a subsidy. A third proposal is that the import duty on salt be removed so that cheap salt may be obtained from the Asiatic mainland. Japan uses 300,000,000 kin of soda ash annually and only about 10,000,000 kin is of home production.

German patents for the manufacture of artificial silk, artificial cotton and artificial wool have been discovered among the German patents controlled by the Chemical Foundation, Inc., through a research conducted by the Synthetic Organic Chemical Manufacturers' Association. These patents can be leased at the rate of \$100 a year by corporations which are at least 75 per cent. American owned.

Calcium ferrocyanide and all other ferrocyanides, cyanates and sulfo cyanides or thiocyanates will be assessed with duty as chemical salts or compounds not specially provided for under Paragraph 5 of the Tariff Act of 1922 at the rate of 25 per cent ad valorem, under a decision of the Treasury Department. They have been admitted free of duty under Paragraph 1565 and the new order will not become effective for 30 days.

Oxford Paper Co., Rumford, Me., has shipped seven carloads of the very highest grade magazine paper through the port of Portland to the Pacific coast via the Panama Canal. The reputation of these papers on the coast is said to be due to the English china clay used in coating the stock. The low rates via the canal made this shipment possible.

The National Fertilizer Association has submitted a brief to the Coolidge Muscle Shoals inquiry commission opposing the proposal to devote Muscle Shoals plant to fertilizer manufacture. The Alabama Farm Bureau Federation on the other hand, says in its brief that the manufacture of fertilizers at Muscle Shoals is feasible and an economic necessity.

Joseph Turner & Co., New York, announce that the first shipment of ammonium persulfate manufactured by North American Chemical Co., Bay City, Mich., was delivered last week. This is the first time that this material has been manufactured in this country.



# Industrial Chemical

## SECTION



### Trade Speculates on Alkali Prices for 1926

**Development of Liquid Caustic an Important Factor in Total Consumption—Total Used in 1924 Probably Doubled in 1925—Effect Upon Freight Rates—Buying Tends to Become Localized—Price Movements of Commodities Compared With the Prices of Alkalis—Commodity Prices Have Advanced Since 1924 From An Average of 53 Per Cent Above Pre-War to 67 Per Cent, While Soda Ash Has Maintained a Level Price at 49 Per Cent and Caustic Soda 42 Per Cent.**

Consumers are awaiting the announcement of contract prices on alkalis, and since the first of the month, speculations have been rife as to what the announced price basis for 1926 would be. On the one side, there is considerable talk of a higher price, based on increased costs; and on the other, a belief held naturally by buyers, who hopefully expect that the present price basis will be maintained, in view of the sharp competition in all chemicals.

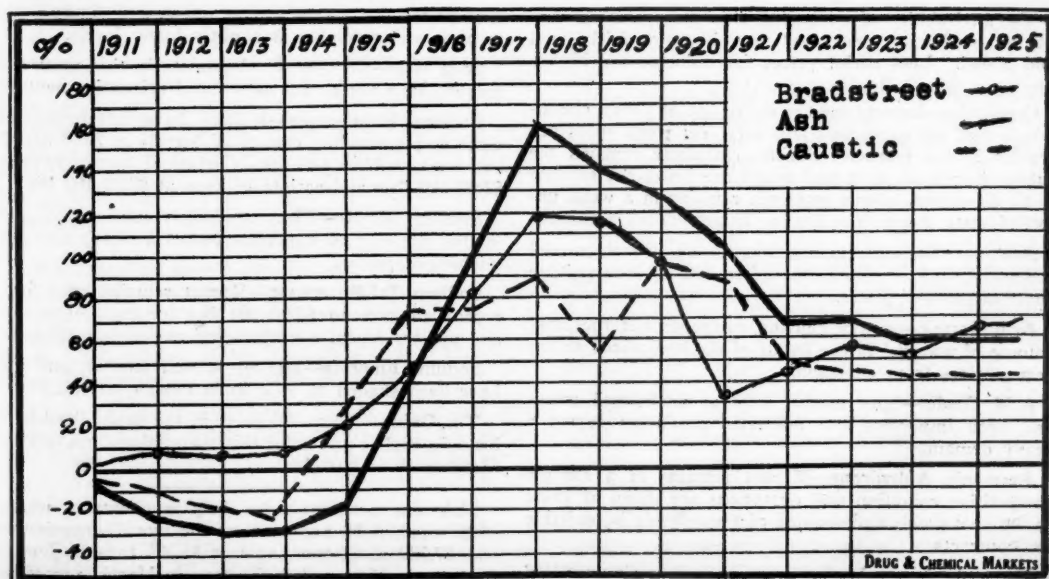
A review, based upon the recent developments in the field and the statistical position of these materials, is, therefore, of timely interest.

The past year has seen the development of liquid caustic business to a point where it appears to be really an important factor in the total consumption. Shipments of liquid during 1924 increased roughly one-third over 1923, and the increased total of 1924, has, it is estimated, been doubled during this year. This increase is due not only to a wider use among the very big consumers, but the base of this demand has broadened, and purchasers of quantities down to 250 or 300 tons are taking in liquid. The obvious advantage of handling the material, from the point of view of the consumer, is

largely the cause of this increase, which is not looked upon with disfavor by the producers, since it eliminates the old caustic pot operation, always a troublesome step.

Increased use of liquid has marked effect upon freight rates. Liquid caustic is approximately 50% water, and so doubles the equalization of freight from different plants, which has already had a marked tendency in localizing buying. Even Syracuse and Niagara Falls have been put out to compete with liquid in New England, while the plants in West Virginia, Kansas, and Michigan have, what is virtually a monopoly, in their own field.

As to the price future, it is interesting to study the chart of comparative price movements of alkalis, as contrasted against Bradstreet's index of all commodity prices. The basis of zero is the average price of the alkalis and the commodities for the three years of 1908, 1909, 1910. Due to the over-expansion of the industry, beginning with 1911, alkalis declined to a low point for ash of 30% below the three years' previous average, and 21% of caustic. At this time all other commodities, averaged by Bradstreet's, had advanced 8%. Then came the War, and along with commodity prices, the alkalis shot up rapidly. Since 1924, commodity prices in general have advanced from an average of 53% above pre-War, to a point which is now 67%, while ash has maintained a level price at 49%, and caustic soda 42%. Obviously, the percentage of increase shown by these two basic alkalis is below that of all commodities, and it is upon the foundation of costs, which these percentages indicate, that the prediction is based, that the present price basis has a rock-bed foundation.



Percentage increase or decrease over the average 1903 - 1910 of prices for 58 per cent light soda ash in bulk and 76 per cent solid caustic soda, compared with Bradstreet's index of commodity prices.



## The Heavy Chemical Market

Chemical Current Spot Quotations for Heavy Chemicals, see pages 1070-1088

### NEW BLEACH AND CHLORINE PRICES

**Bleach Up—Less Carlot Chlorine Higher—Sodium Bicarbonate Up in Less Carlots—Tin Oxide Advanced—Sodium Fluoride Down—Copper Sulfate Easy—Barium Chloride Firmer—Barium Carbonate Down Again—Ammonium Persulfate Offered by Domestic Producer.**

#### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced	
Bleach, 10c 100 lb.	Sod. Bicarbonate, 1/c/1 16c 100 lb.
Chlorine, 1/c/1, 1c lb.	Tin Oxide, 3c lb.

Declined	
Ammonium Persulfate, 3c lb.	Barium Carbonate, \$1.00 ton
	Sodium Fluoride, 3/4c lb.

#### Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acetic Acid, Glacial ..lb.\$	.10	.10	.10	.10	.11	.19 1/4
Sulfuric Acid, 66 deg..ton	14.00	14.00	14.00	14.00	35.00	20.00
Ammonium Sulfate, 100lbs.	2.95	2.95	2.95	2.55	7.50	2.65
Bleaching Powder, 100lbs.	2.00	1.90	1.90	1.90	9.50	1.50
Copper Sulfate c/l .100lbs.	4.45	4.60	4.45	4.60	20.00	4.60
Potash, Caustic, Imp..lb.	.07 1/2	.07 1/2	.07 1/2	.07	.07	.08
Soda Ash, 58 p.c....100lbs.	1.94	1.94	1.94	1.94	3.50	.60
Caustic Soda, 76 p.c.100lbs.	3.66	3.66	3.66	3.66	9.50	1.42
Potassium Bichromate..lb.	.08 1/2	.08 1/2	.08 1/2	.08 1/2	.05	.06 1/4
Sodium Prussiate Imp...lb.	.10	.10	.10 1/2	.09 1/2	1.25	.18
Average .....	2.928	2.918	2.906	2.906	10.79	2.99

Bleach and chlorine producers have announced a new schedule of prices effective Oct. 13 and applying on contracts over 1926. Bleach has been advanced again in accordance with the predictions of manufacturers who forecast higher prices each year due to the diminishing consumption of this product. Chlorine is in a strong position and makers report considerable discussion as to the advisability of advancing chlorine prices on carlots as production over next year becomes fairly well sold ahead. Less carlot prices for chlorine are higher due to increased distributing costs.

Consuming demand for the entire list of heavy chemicals is well up to normal and very few weak spots are present in the market. Barium carbonate remains the outstanding weak spot and prices are being cut sharply in all directions. Aqua ammonia remains in a weak unsettled state due to the decline in anhydrous ammonia.

**Acetone**—Market remains firm in all directions and makers of both fermentation and acetate of lime acetone quote unchanged prices.

**Acid Formic**—Heavy demand continues but the large volume of material in the hands of the low-priced sellers keeps prices from advancing.

**Acid Oxalic**—Spot market firm at unchanged prices and both importers and domestic producers report a heavy demand.

**Ammonia Anhydrous**—Market remains in a sharply competitive condition and quotations are given at 16 1/2c lb for spot goods and shading of these levels is probable for contracts.

**Ammonia Aqua**—Market remains in a weak unsettled condition due to the sharp drop in anhydrous prices, and

also due to the decline in crude ammonia liquor prices.

**Ammonium Chloride**—Conditions rule unchanged in this market and white is still offered at 5 1/2c lb spot, and 5 1/4c lb for shipment. Gray is in an easy state at 6 1/4c lb. Spot stocks are large.

**Ammonium Persulfate**—Market has declined due to the large spot stocks in the hands of importers. Quotations are given at 21c@21 1/2c lb. This material is now offered by a domestic producer at 21c@21 1/4c lb.

**Barium Salts**—Chloride is firmer on spot and it is doubtful if anything can be obtained under \$58.00 ton. Quotations range up to \$60.00 ton. Carbonate is very weak and quotations are given at \$43.00 ton with bids solicited. Shipment is offered at still lower figures.

**Bleach**—Manufacturers have advanced prices effective Oct. 13 applying on all sales after that date, and also on contracts covering delivery over 1926. Contract quotations at works are as follows: standard 700 lb drums, carlots, \$2.00 100 lbs; 1.c.1. \$2.15 100 lbs; 300 lbs drums, carlots \$2.25 100 lbs; 1.c.1. \$2.40 100 lbs. Spot works prices are 10c 100 lbs above contract prices.

**Chlorine**—New prices effective Oct. 13 applying on all sales after that date and on contracts covering 1926 are announced and, while carlot prices remain as before, less carlots have been advanced due to increased cost of distribution. Contract quotations at works are as follows: tanks or multi-unit cars 4c lb; carlots of cylinders 5 1/2c lb; less carlots of cylinders over one ton 8c lb; less than one ton 9c lb. Spot works prices are 3/4c lb above contract prices.

**Potassium Carbonate**—Market remains firm in all quarters on all grades and a steady consuming demand is reported. Quotations are unchanged.

**Potassium Prussiate**—Easy condition reported and spot prices are maintained at unchanged figures. Shipment is still available at slightly lower levels.

**Soda Ash**—No new developments in this market and makers have not as yet announced prices for next year.

**Sodium Bicarbonate**—Makers have advanced quotations and quote less carlots of barrels at \$2.41 100 lbs; and kegs at \$2.66 100 lbs. Carlots of barrels remain at \$2.00 100 lbs; and carlots of kegs at \$2.25 100 lbs.

**Sodium Nitrate**—Firm conditions continue to prevail in this market and importers report a steady demand at unchanged prices.

**Sodium Tri-Phosphate**—Market remains very firm at recent advance to \$3.90 100 lbs for carlots at works, and makers report a very heavy consuming demand.

**Sodium Fluoride**—Market is well stocked and prices have been shaded to 8 1/2c lb in most quarters.

**Tin Oxide**—Sharp advances in the metal market have brought higher prices for this material and makers quote 63c@64c lb in barrels.

Slab zinc production for July in countries, which in 1923 supplied 88 per cent. of the world's requirements, was 87,789 short tons, against 85,261 tons in June, 91,264 tons in May, and 94,876 tons in March, according to the American Bureau of Metal Statistics.

# ANNOUNCE BLEACH AND CHLORINE PRICES

## Statement by Mathieson Alkali Works Shows Advance in Bleach and Less Carlots of Chlorine

Mathieson Alkali Works have announced a new price schedule for bleach and chlorine effective Oct. 13 and applying on spot sales for the balance of this year and also contracts applying to deliveries over 1926. Bleach has been advanced owing to increased producing costs brought about by the diminishing consumption as chlorine replaces bleach in more and more instances. Less carlots of chlorine are higher owing to increased distributing costs. It is stated that there is considerable discussion as to advancing prices on both bleach and chlorine still further as makers become sold ahead on next year's production.

Bleaching powder prices at works are as follows: carlots of standard drums on contract \$2.00 100 lbs; less carlots \$2.15. Spot works carlots \$2.10; less carlots \$2.25. Small drums carlots on contract \$2.25; less carlots \$2.40. Spot works carlots \$2.35; less carlots \$2.50.

Chlorine prices are: tank or multi-unit cars at works on contract 4c lb; spot works 4½c lb. Carlots of cylinders at works on contract 5½c lb; spot works 5¾c lb. Less carlots cylinders at works on contract, over one ton 8c lb; less than one ton 9c lb; spot works over one ton 8½c lb; less than ton 9¼c lb.

## BRITISH HEAVY CHEMICAL TRADE GAINS (Special Correspondence to DRUG & CHEMICAL MARKETS)

London, Oct. 3.—Business in heavy chemicals has been quite good of late but is far below normal. White powdered arsenic is quoted down to £18 per ton, f. o. r. mines with practically no business being done and still lower prices are expected. At present rate the mines cannot produce.

Citric acid (B. P. crystals) have quieted down and cheapened to 1s 2½d per lb, less 5%, against 1s 3¼d a week or two ago.

Tartaric acid, B. P. crystals, are much easier on a dull market at 11½d per lb, less 5%.

Formaldehyde, 40% by volume, has brightened up a bit and prices are steadier at about £39 per ton, ex-wharf.

Oxalic acid has received more attention and the market is steadier at 3½d per lb, spot.

Carbonate of potash has hardened with business good and supplies limited; 92 to 94%, £ 24 10s; 96 to 98%, £26 10s casks, ex-wharf.

Carbolic acid crystals, which were dull for a long period, are now active, with good business passing for export to Japan and the East. The price advanced from 4d to 4¾d per lb, f. o. b. and the market is firm at that rate.

The following awards for laundry supplies have been made by the Quartermaster, Fort Sam Houston: 20,000 pounds soda ash to E. W. Kirkland, San Antonio, Tex., at 2,29c lb; 335 pounds caustic soda to Sterling Supply Corp., Philadelphia, at 14c; and 25 pounds blue sour to State Chemical Co., New York, at 3.15c.

Anglo-Chilean Consolidated Nitrate Co. 7 per cent debenture 20-year sinking fund bonds, total \$16,500,000, are being offered, together with stock of the company, by a Wall street syndicate. The company is controlled by the Guggenheims.

Roger Moran, Inc., has opened a brokerage office at 130 Water st., New York, to handle packing house by-products and fertilizer materials.

# HAMBURG CHEMICAL MARKET LIFELESS

## (Special Cable to DRUG & CHEMICAL MARKETS)

Hamburg, Germany, Oct. 14.—The heavy chemical markets are lifeless. The trade seems to be waiting for conclusion of the negotiations at Locarno and no improvement is probable until the standing of Germany in the League is decided.

Products that are particularly weak are sodium sulfide, chlorate of potash, oxalic acid and epsom salt.

Quietness prevails in carbolic acid, potassium permanganate, the fluorides, ammonium sulfate and salt cake.

Firmness has developed in Glauber's salt (crystals), potash alum, sodium hyposulfide and potassium chrome alum.

Hamburg, Oct. 3 (By Mail).—Yellow prussiate of soda, which was offered at low prices last week, has been taken off the market by eager buyers, and only high-priced material is now available. Some business has been done in yellow prussiate of potash, in caustic potash and sulfate of ammonia. Only slight demand for sal ammoniac is apparent and the sales were confined to white granulated 98-100 per cent. Chlorate of potash is in demand, but no large business is passing. Sodium fluoride, caustic soda and Glauber's salt, calcined, are quiet at unchanged prices.

Permanganate of potash is offered at a slight reduction. Oxalic acid is extremely dull. The wood alcohol business with the United States is controlled by Badische Aniline- und Sodafabrik, Ludwigshafen. Prices are unchanged.

The uniform prices for bromides established by the factories some weeks ago, show no alteration. The stocks in second hand are very limited.

# INSECTICIDE PACKAGES TO BE SIMPLIFIED

## Special to DRUG & CHEMICAL MARKETS

Washington, D. C., Oct. 14.—A conference will be held under the auspices of the Simplified Practice Division of the Department of Commerce on Oct. 29 in connection with insecticide simplification. The Agricultural Insecticide and Fungicide Mfrs.' Ass'n. has developed a simplification recommendation which proposes the reduction from 39 to 18 in package sizes of arsenate of lead, calcium arsenate, Paris green, and Bordeaux mixture, and elimination of nearly 54 per cent.

The Association's Simplification Committee estimates that approximately 87 per cent of the materials are now being shipped in 18 package sizes proposed for adoption as a simplified line.

The American Smelting and Refining Co. has declared a quarterly dividend of \$1.75 a share on the common stock, placing it on a basis of \$7 a year, compared with \$6 heretofore. Previous quarterlies have been \$1.50. The regular quarterly of \$1.75 on the preferred shares also was declared. The common dividend is payable on Nov. 2 to stock of record Nov. 6 and the preferred Dec. 1 to stock of record Nov. 6.

New York Curb Market has admitted to trading Asbestos Corporation of Canada, Ltd., 30,000 authorized shares common stock, par value \$100, and 40,000 authorized shares 6 per cent non-cumulative preferred stock, par value \$100.

Lockport Paper Co., Lockport, N. Y., has plans for rebuilding its asbestos shingle plant, recently destroyed by fire with loss estimated at \$100,000, including equipment.

## The Intermediate and Dye Market

Current Spot Quotations for Intermediates, see Chemicals pages 1070-1096

### META-NITRO-PARA-TOLUIDINE DECLINES

**Ortho-Toluidine Firm—Tobias Acid in Heavy Demand—Para-Toluidine Weak—Intermediate Demand Fair and Prices are Firm—Cresylic Acid Lower—Benzene Steady—Xylene and Solvent Naphtha Remain Scarce.**

### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced  
No Advances  
Declined

Cresylic Acid, 2c gal.      Meta-Nitro-Para-Toluidine, 15c lb.  
Para-Toluidine, 5c lb.

#### Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Benzene, pure .....gal.	.24	.24	.25	.25½	\$1.10	\$.25
Naphthalene flake .....lb.	.04½	.04½	.04½	.05	.16	.03
Phenol Spot .....lb.	.21	.21	.21	.25	1.50	.38
Toluene .....gal.	.26	.26	.26	.26	..	..
Aniline Oil .....lb.	.16	.16	.16	.16	1.40	.10½
Alpha-naphthylamine .....lb.	.35	.35	.35	.35	1.28	..
Benzaldehyde .....lb.	.70	.70	.70	.70	—	—
Betanaphthol .....lb.	.24	.24	.24	.26	1.50	.08
Dimethylaniline .....lb.	.32	.32	.32	.35	1.30	..
Paranitroaniline .....lb.	.57	.57	.57	.68	1.68	.18

Average ..... 0.310 0.310 0.311 0.332 ... ..

Coal tar light oils were unchanged during the week and the market for benzene held up very well after the recent decline. No shading of prices is announced in any quarter. The various grades of xylene and solvent naphtha are very tight with quotations nominal. Toluene is offered rather freely although quotations are firm and unchanged. Cresylic acid is weak, owing to the heavy spot stocks that are here on consignment, and prices declined further during the week. Phenol is barely steady at recent prices and some goods are reported to have been bought inside the market. Naphthalene remains quiet and prices are not very stable.

Intermediates show no change and makers are unable to report any increase in demand. Prices are being maintained at unchanged figures on the entire list. The toluidine group remains the only unsettled spot in the market and factors can see no hope of the situation reaching a sound basis in time for closing contracts for next year's business.

### Crudes

**Benzene**—Market steady and prices are firm at last week's reduction. Industrial demand remains heavy and motor fuel blenders are absorbing the surplus. Pure product prices are still well above motor benzene prices and a further reduction is anticipated for next month. Distributors quote 23c gal. for tank cars of 90% at mills, and 24c gal. for tanks of pure. Drums are offered at 5c gal. above tank prices.

**Cresylic Acid**—Market weak due to heavy spot stocks that are here on consignment and prices have sagged further. Pale 97-99% acid is selling at 52c@58c gal. as to seller and quantity, and dark 95% acid is selling at slightly under these figures.

**Phenol**—Market barely steady at unchanged quotations and some small lots are reported to have been bought inside the market during the past week. Makers quote large drums at 21c@22c lb, drums returnable; and small drums at 22c@24c lb, drums inclusive. Last week's issue contained an error in quoting small drums at 22c@21c lb; this should have read 22c@24c lb.

**Pyridine**—Market fairly steady over the week at \$4.30 @ \$4.40 gal, drums inclusive. Demand only fair and unless some improvement is felt it appears that the market might decline.

**Solvent Naphtha**—Absolutely no material is available in any direction and quotations are nominal.

**Toluene**—Market well supplied with material for prompt shipment but quotations are firm and unchanged at 26c gal. in tanks, and 31c gal. in drums at mills.

**Xylene**—Situation shows no change and distributors are unable to supply the demand. Consumers, who are without a regular source of supply or who cannot obtain their total requirements from their suppliers, are paying sharply higher prices for prompt shipment.

### Intermediates

**Acid Cleve's**—Quotations show no change from makers who report only a slight routine demand.

**Acid N & W**—Conditions remain the same and manufacturers report no increase in activity and quote firm unchanged prices.

**Acid Mono-Sulfonic**—Makers are quoting \$1.75@ \$1.80 lb as to quantity and report a good demand.

**Acid Tobias**—Steady condition continues to prevail in this market and makers quote unchanged prices of 85c lb.

**Alpha-Naphthol**—Market steady under a fair consuming demand and makers quote unchanged prices.

**Beta-Naphthol**—Market in strong condition due to a heavy demand and makers are very firm at 24c lb.

**Dinitro-Benzene**—Unchanged conditions prevail in this market and makers report a small routine demand and quote firm unchanged prices.

**Diphenyl-Amine**—Maker reports a greatly increased demand and quotes firm unchanged prices.

**G-Salt**—Heavy consuming demand reported by makers who quote firm unchanged prices.

**Meta-Phenylene-Diamine**—Market easy but prices are firm and unchanged in all directions.

**Meta-Nitro-Para-Toluidine**—Market easy although the demand is satisfactory. Quotations are lower at \$1.75 @ \$1.80 lb in sympathy with the weakness of para-toluidine.

**Ortho-Nitro-Toluene**—Slight demand reported by makers but offerings are light. Quotations are given at 15c@17c lb.

**Ortho-Toluidine**—All makers are firm in their quotations which start at 20c lb in tank cars, and 23c lb in single drums. Although the demand from mining companies has ceased, the increased demand from dye manufacturers and accelerator makers is expected to per-



manently steady the situation and bring about still higher prices.

**Para-Nitro-Toluene**—Quotations are given as low as 30c lb but some makers quote 35c lb.

**Para-Toluidine**—Market weak and makers are selling at prices ranging from 55c lb to 60c lb. Some goods recently changed hands at 50c lb.

### CHINA'S INDIGO IMPORTS DECREASE

**Business in Sulfur Black Growing—Americans, Japanese and Germans in Competition**

Importations of indigo into Tientsin for the first six months of 1925 were 20,203 piculs, against 27,506 piculs for the corresponding period of 1924. The 1925 importations seem to be normal as 1924 figures were higher than consumption warranted, due to a desire on the part of German importers to bring up their stocks depleted in 1923, writes Assistant Commercial Attache, A. H. Evans, Peking.

Spring indigo business was fair, but did not reach the high figures expected as a result of the cessation of business in the last half of 1924. This failure of the market to come up to expectations was due to lack of transportation facilities which prevented an easy flow of undyed and dyed cloth to and from the dyeing centers.

Sulfur black statistics are not yet available, but the business continued to increase in volume, with Japanese and American firms doing most of the business, due to the high prices quoted by the German companies during the first quarter of this year. This situation was changed by a 20 per cent cut in prices by the German sellers at the end of a period under review, so that the Fall season will probably see extremely severe competition in this color, with lower prices than prevailed in the spring.

Imports of other colors for the first six months of 1925 were valued at 226,486 haikwan taels against 1,114,138 haikwan taels for the corresponding period of 1924. This falling off of imports was due chiefly to the very heavy stocks carried over from 1924, sales being about normal, although these were also hindered by the poor transportation facilities.

At the beginning of July, indigo prices were fluctuating around 28 to 33 taels per picul. These prices are the lowest that have prevailed in China for many years.

The Technical Committee on Color, Federal Specifications Board, has lost its chairman, Capt. William J. Crosson, U. S. Marine Corps Quartermaster Department, who has resigned because the committee meets in Washington and he is stationed in Philadelphia. Capt. Crosson remains a member of the committee, but is succeeded as chairman by Lt. Col. John A. Wagner.

The Japanese Minister of Commerce and Industry is working on a plan to limit importation of American dyes, owing to the failure of the tariff to protect the Japanese dye industry. The restriction placed on German dye imports gave importers of American colors a wider market and the domestic manufacturers have felt the competition.

Paraguay has imposed export taxes of .40 gold pesos per 100 kilos on quebracho logs; 10 pesos on quebracho extract; and .05 pesos on guaiac wood, effective Sept. 1.

Monsanto Chemical Works have started their new plant for the manufacture of paranitraniline. They expect to have the chlorine plant in operation Nov. 1.

F. J. Lewis Mfg. Co., Chicago, have been awarded a government contract for 11,000 gallons of creosote wood preserving oil at \$2,039.90.

### SEPTEMBER DYE IMPORTS SHOW DECLINE

**Total 298,858 Pounds Compared With 330,674 Pounds in August and 160,978 Pounds in September, 1924—Indanthrene Blue GCD Leads in Quantity Imported—Germany Sent 62 Per Cent of Total Imports**

(Special to DRUG & CHEMICAL MARKETS)

Washington, Oct. 14—Imports of coal tar dyes in September showed a drop compared with previous months of this year, but still were substantially larger than in the same month last year, according to the chemical divisions of the Department of Commerce and the Tariff Commission.

Total imports last month were 298,858 pounds, with an invoice value of \$285,642, which compared with 330,674 pounds, valued at \$303,612 in August, and 160,978 pounds valued at \$159,620 in September, 1924. The total imports for the nine months ended with September were 3,808,526 pounds in 1925, compared with 1,601,013 pounds for the same period of 1924.

Germany sent 62 per cent of the total dyes imported last month; Switzerland, 21 per cent; Belgium, 5 per cent; Italy and England, 3 per cent each; and France, Canada, and Holland, 2 per cent each.

The five leading dyes, by quantities, imported last month were Indanthrene blue GCD, 16,421 pounds; Ciba scarlet 2G paste, 9,813 pounds; Indanthrene yellow GR 8,926; anthraflavone, GC, 8,213; and brilliant indigo 4B paste, 6,412.

Receipts of synthetic aromatic chemicals totaled 21,764 pounds, valued at \$30,220 against 5,191 pounds, valued at \$17,820, in August. Imports of medicinals, intermediates, photographic developers and other coal tar products totaled 85,706 pounds, valued at \$35,914, against 55,386 pounds, valued at \$25,981, in August.

### DRY COLOR MAKERS ORGANIZE

Dry Color Manufacturers' Association has been organized and will hold monthly meetings for the discussion of matters affecting the dry color industry. Arthur S. Somers of Fred L. Lavanburg Co., is president; J. Mangin, United Color & Pigment Co., vice-president; C. H. Rupprecht, E. I. duPont de Nemours & Co., secretary and treasurer; E. G. Kohnstamm, H. Kohnstamm & Co.; F. A. Beer, Western Dry Color Co.; B. R. Armour, G. Siegle Corp. of America; and A. E. Gessler, Ultron Chemical Corp., form the executive committee.

Companies that have signified their intention of joining, other than those represented among the officers, are: A. B. Ansbacher & Co., Brooklyn Color Works, Federal Color Laboratories, Fine Colors Co., Morris Herman & Co., Kentucky Color & Chemical Co., John T. Lewis & Bro. Co., Alston Lucas Co., Spencer Lucas Co., Wm. Macher & Sons, Max Marx Color & Chemical Co., Pfeiffer Color Co., Sun Color & Chemical Co., Paul Uhlich & Co., Ultron Chemical Corp., A. Wilhelm Co., Henry Woods Sons Co.

National Aniline & Chemical Co. has issued the September "Dyestuffs" which contains articles on the following subjects: "Skein Silk Dyeing," "Finishing Viscose Fabrics," "Treatments for Half-Silk," "Dyeing and the Attendant Duties," "Chrome Colors on Wool," "Dyeing Cotton Warps," "Testing Fabrics for Acid."

The German Government has approached the British Government with a view to obtaining a free market in Great Britain for German aniline dyes, according to Berlin newspapers.

# The Oil Market

Current Spot Quotations of Oils, Greases, pages 1088-1089

## TALLOW AND COTTONSEED OIL WEAKEN

Linseed Oil Higher—Olive Oil Strong—Foots Shaded—  
Chinawood Oil Quiet But Firm—Coconut Oil Un-  
obtainable—Large Soap-makers Support Cottonseed  
Oil—Castor Oil Weak—Lard Oil, Neatsfoot and Oleo  
Oils Unchanged

### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced	
Linseed Oil, 0.2c lb.	Menhaden Oil, Crude, 1c gal.
	Light Pressed, 2c gal.
	Yellow Bleached, 2c gal.
	White Bleached, 2c gal.
Declined	
Cottonseed Oil, Crude, 3/4c lb.	Olive Oil Foots, 3/4c lb.
P. S. Y., 3/4c lb.	Tallow, City Extra, 3/4c lb.

### Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Cod Oil, N. F. ....gal.	\$.60	\$.62	\$.60	\$.62	\$1.26	\$.26 1/2
Degras, American, bbl.lb.	.044 1/2	.044 1/2	.044 1/2	.044 1/2	.23	.03 1/2
Lard No. 1 ....gal.	.94 1/2	.94 1/2	.89	.92	2.90	.92
Menhaden, crd tks. ....gal.	.52	.52	.52	.52 1/2	1.20	.33
Neatsfoot, 20 deg c t gal.	1.25	1.26	1.24	1.31	8.45	.95
Red Oil, distilled ....lb.	.12 3/4	.12 3/4	.12 3/4	.09 1/2	.17	.07
Stearic Acid, T. P. ....lb.	.17 3/4	.17 3/4	.17	.13	.33	.12
Coc-nut, Ceylon, Tks. lb.	.12 1/2	.12	.11	.10 1/2	.30	.14
Cottonseed crude, tks. lb.	.08	.08	.08 3/4	.08 3/4	.25	.08
Linseed, crude ....gal.	.99 3/4	.98 3/4	1.03	1.03	1.85	.57
Olive, denatured ....gal.	1.23	1.23	1.20	1.25	4.50	1.05
Peanut, refined ....lb.	.15	.15	.15	.17	.30	.08
Soya Bean bbis. ....lb.	.13 1/4	.13 1/4	.13 1/4	.13	.19 1/4	.07
Average .....	4.90	4.92	4.85	4.92	5.92	1.56

Vegetable oils showed little change over the week, except cottonseed oil which broke sharply on a revised Government crop report estimating a gain of 750,000 bales. Large soap makers were buying heavily of cottonseed oil and this prevented the market from declining further and caused it to recover appreciably from its low point. The tight situation continues in coconut oil and absolutely nothing is obtainable before Nov. 15 for the open market, and it is doubtful that imports arriving by that time will be more than sufficient to cover contract requirements. Olive oil foots have eased off slightly on spot and for shipment. Linseed oil advanced with higher seed market and crushers report satisfactory demand.

Tallow was the outstanding feature of the animal group as it displayed considerable weakness. Factors consider the break only temporary and look for its recovery to still higher figures before the real reaction sets in. Other animal oils pursued unchanged courses and prices are firm and unchanged.

Fish oils are quiet but very firm and a good consuming demand is reported. Menhaden oil is higher and the other products are unchanged.

### Vegetable Oils

**Castor Oil**—Demand of slight routine volume and makers continue to shade quotations for moderately large orders.

**Chinawood Oil**—Large importers continue to control the situation and quotations firm and unchanged in all directions. Demand is heavy.

**Coconut Oil**—Absolutely nothing is available on spot

and quotations are nominal. Factors claim that nothing will be offered in the open market before Nov. 15, and it is doubtful if there will be more than enough at that time to supply contract consumers. Some material is changing hands at abnormal prices due to importers diverting oil from regular channels.

**Corn Oil**—Market fairly steady over the week and quotations have shown no appreciable change in any quarter.

**Cottonseed Oil**—The Government cotton crop report issued last week showed a gain of 750,000 bales and cottonseed oil prices broke sharply as a consequence. There has been twice as much cotton ginned to date as at the same time last year. Large soap interests were buying heavily and this prevented the market from going still lower, and caused it to recover somewhat from its low point. Crude oil is quoted at 8 3/4c lb. Prime summer yellow closed at 10.07c lb for Oct.; Nov. 9.86c@9.95c lb; Dec. 9.96c@9.99c; Jan. 10.01c@10.02; Feb. 10.06c@10.12c; March 10.13c@10.14c; April 10.17c@10.25c; May 10.28c@10.30c.

**Corn Oil**—Market fairly steady and quotations are unchanged for crude and refined.

**Linseed Oil**—Crushers advanced their quotations to 15.3c lb for car lots of barrels following firmer seed markets. Demand is good for spot and futures. Seed markets closed as follows: Winnipeg Oct. \$2.36 1/4; Dec. \$2.29 1/4; May \$2.37 1/4; Duluth Oct. \$2.60 1/4; Nov. \$2.61 1/4; Dec. \$2.62 1/4; May \$2.69; Minneapolis Oct. \$2.57 1/2; Dec. \$2.63. London quotes oil at 40s 3d, and Antwerp at 425f.

**Olive Oil**—Market remains very strong as factors are expecting the application of the foreign embargo. Quotations are unchanged.

**Olive Oil Foots**—Easier conditions reported and quotations are slightly lower at 8 3/4c@9c lb for spot oil and nearby shipments.

**Rapeseed Oil**—Large spot stocks keep the market in an easy condition and shading of quotations appears probable.

### Animal Oils

**Greases**—Steady outlet for all offerings is reported at unchanged prices.

**Lard Oil**—Makers report a steady demand with production and consumption well balanced. Quotations show no change in any direction.

**Neatsfoot Oil**—Quotations are firm and unchanged on all grades and no easiness is present in the situation.

**Oleo Oil**—Quiet market reported and offerings are large. Lower prices appear probable although as yet no reductions have been announced.

**Stearic Acid**—Market firm and an active demand is reported by makers despite the recent advance.

**Tallow**—Market was weak during the week and prices broke rather sharply to 10c@10 1/4c lb for city extra loose. Factors maintain that the slump is only temporary since there has been no change in the situation. Offerings have been light and consumers are unwilling to pay high prices for small lots since the market

would go higher. If a large lot were offered a high price could doubtless be obtained.

### Fish Oils

**Cod Oil**—Market steady and quotations are firm and unchanged at 60c gal. in barrels.

**Menhaden Oil**—Crude oil advanced over the week and tanks are quoted at 53c@55c gal. at Baltimore. Refined oils are higher at 70c@72c gal. for light pressed; 73c@75c gal. for yellow bleached; and 75c@77c gal. for white bleached.

Corn Products Refining Co. has reopened its Edgewater, N. J. plant which has been closed down since Spring, increasing operations of the company by 20%. Grinding operations are still much below those of early Spring but are being increased somewhat and are now approximately 20,000 bushels daily. Pekin and Argo, Ill., plants have been in continuous operation. Kansas City plant, still idle, was closed down earlier in the year.

A group of cases brought by the Attorney General of New York against Bulls Ferry Chemical Co., Valvoline Oil Co., Midland Linseed Products Co., operating factories on the Jersey side of the North River were dismissed by the United States Supreme Court, last week, by agreement. They involved the emission of fumes and noxious odors which were objectionable to residents of Riverside Drive, New York.

Niger Co., Inc., importers of gelatin, coconuts, glue, gums, rubber and manufactured materials used in the making of soaps, has leased the property of United Chemical Organic Products Co., North Bergen, N. J., for a period of twenty years at a gross rental exceeding \$300,000. The property has a frontage of 250 feet, is 200 feet deep, and contains two large factory buildings and several smaller buildings.

Exemption from import duties is accorded a number of products under decrees issued by the Italian Government, according to a cablegram to the Department of Commerce from the acting commercial attache at Rome, as follows: Petroleum residuum for highway construction, glucose and white vaseline oil for polishing rice, pig zinc for zinc powder and zinc and copper pigs, bars and scrap for making white metals for exportation.

## Foreign Trade Opportunities

The Department of Commerce, Washington, D. C., has received the following inquiries for drugs, chemicals and accessories. Reserved addresses may be obtained from the Bureau and its district and cooperative offices. Request for each opportunity should be on a separate sheet and state opportunity number. The Bureau does not furnish credit ratings or assume responsibility as to the standing of foreign inquirers; the usual precautions should be taken in all cases.

Chemicals .....	16356	Lima, Peru .....	Agency
Chemicals, heavy .....	16358	Antwerp, Belgium .....	Agency
Dyes (artificial indigo, aniline colors) .....	16412	Freiburg, Germany .....	Agency
Insecticides .....	16353	Rosario, Argentina .....	Agency
Rosin for soap making .....	16402	Alexandria, Egypt .....	Agency
Pitch .....	16411	Terrafina, Canary Islands .....	Purchase
Drugs .....	16356	Lima, Peru .....	Agency
Medicinal, toilet preparations .....	16357	Nairobi, East Africa .....	Agency
Medicines, prepared .....	16360	Alexandria, Egypt .....	Agency
Toilet preparations .....	16359	Rio de Janeiro, Brazil .....	Agency
Toilet preparations, perfumes .....	16354	Tokyo, Japan .....	Agency
Toilet preparations, perfumes .....	16355	Prague, Czechoslovakia .....	Agency
Toilet preparations, perfumes .....	16457	Teheran, Persia .....	Purchase

## Oil Trade Notes

American Shellac Co. has filed judgment in New York county for \$287.47 against Herman Jent.

American Glue Co. has declared a quarterly dividend of \$2 on the preferred, payable Nov. 2 to stock of record Oct. 17.

Barton Mfg. Co., St. Louis, Mo., manufacturer of shoe polishes, has plans for a new plant estimated to cost \$100,000, with equipment.

Explosion of a drum of alcohol in the basement of Acme Shellac Co.'s plant, 97 Ridge street, Long Island City, Oct. 6, caused damage of \$10,000.

Copra led all other imports at Oakland, Cal., during the fiscal year which ended June 30, a total of 63,266 tons having been landed on Oakland docks during this period.

Exports of linseed oil during August totaled 289,429 pounds, valued at \$42,759. Exports of soya bean oil amounted to 5,101 pounds, valued at \$571, according to the Department of Commerce.

Indian sesamum acreage for 1925-1926 is estimated at 2,293,000 acres, against 2,115,000 acres at the same time last year, according to the Indian Department of Statistics. This is an increase of 8 per cent.

Wesson Oil and Snowdrift Co. 7 per cent cumulative preferred stock, no par, was sold last week by a Wall street syndicate at \$93.50. The offering was 135,000 shares and the dividend yield is 7.49 per cent.

A voluntary petition in bankruptcy has been filed in Boston by Libby Glue and Products Co., with liabilities \$204,918, assets \$142,557. Creditors are C. F. Mattlage, New York, \$26,720; American Glue Co., Boston, \$24,344; First National Bank, Boston, \$61,071.

The Philippine copra market for the first half of September was strong with heavy export buying and other factors tending to force prices upward despite a 20 per cent. improvement in production over the last half of August, the Department of Commerce announces. The present provincial price, rescado, delivered at Manila is 15 pesos.

British Glues and Chemicals, Ltd., reports trading profit for the year as £42,450 compared with £6,293 during the previous year. Surplus of liquid assets over liabilities has increased from £227,822 to £296,531, and over £30,000 has been added to the depreciation reserve in addition to maintaining the factories in an efficient condition from revenues.

August exports of Chinawood oil from Hankow, China, totaled 13,100,000 pounds, of which 12,900,000 pounds were shipped to the United States, according to cable advices to the Department of Commerce. Prices during the month were high on August 3, at \$14.96, and low on Aug. 19, at \$14.60 per picul. (1 picul equals 133-1-3 lbs.)

Exports of copra from Java for the seven months ended July 31 aggregated 19,599 metric tons, against 31,098 tons for the corresponding period in 1924, and 22,907 tons in 1923. Holland, including shipments for order, remained the principal country of destination, with 5,772 tons, plus 3,337 tons for order; Germany and Belgium coming next with 3,539 tons and 3,095 tons.



## Miscellaneous Raw Materials

Heavy Chemicals 1070-1096, Tan and Dyestuff 1070-1096, Fatty Oils 1096-1103

### CORN PRODUCTS AGAIN SHARPLY CUT

Follow Downward Course of Grain Market—New Crops Affect Dye and Tan Wood Prices—Fish Scrap Reduced by Large Catch—Metals Strong, Tin and Zinc Advance—Naval Stores Steady

#### PRICE CHANGES IN NEW YORK (Stock in First Hands)

Advanced	
Albumen, blood, 5c lb.	Tankage, So. Amer., 5c unit.
Blood, So. Amer., 5c unit.	Rosin: D, 2½¢ 280 lb.
Divi Divi, \$2.00 ton.	Silver, ¼¢ oz.
Copper, Lake, ¼¢ lb.	Tin, 1¼¢ lb.
	Zinc, ¼¢ lb.
Declined	
British Gum, 25c 100 lb.	Starch corn, 25c 100 lb.
Corn Syrup, 25c 100 lb.	Rosin: B,E,F,G,H,I,K, 2½¢ 280 lb.
Dextrin, 25c 100 lb.	M, 12½¢ 280 lb.
Fish Scrap, 25c unit.	N, 3¢ 280 lb.
Glucose, 25c 100 lb.	WG 3c 280 lb.
Mangrove Bark, ship., \$2.00 ton.	WW 15c 280 lb.
Myrobalans, J2's, \$3.00 ton.	

The market for raw materials used in the paper, glass, rubber, textile, fertilizer, leather and lacquer trades showed little activity this week, although some radical price changes were evident. Nearly all materials derived from vegetable origin, have been affected by the new crops, both in prospect and actually harvested. Buying has in some instances been active, advantage being taken of the arrivals of new crops, particularly in the dye and tan woods, but this is not generally taken

as any indication of better activity on the part of consumers. All corn products suffered a sharp reduction, but buying has not been heavy. Activity in the fertilizer industry continues normal with some increased interest shown in fish scrap which was reduced following an unexpectedly large catch. In almost all cases, the market can now be regarded as a buyers' market.

### ACCELERATORS

A good demand continues for all accelerators and makers are quoting firm unchanged prices. Diorthotolyl-guanidine demand is steadily increasing and makers quote \$1.10@1.13 lb. Diphenylguanidine is steady at 95c@98c lb. Hexamethylene is easy at 80c@82½¢ lb. Triphenyl-guanidine is holding at 69c@73c lb.

### ALBUMENS

There has been no real change in this situation. Prices are all firm with an advancing tendency pointed out in some quarters, but demand is not very great. Blood is now held at 55c@60c lb with egg at \$1.20@1.25 while some of the egg which is not quite up to standard is offered as low as \$1.14. Vegetable is active and unchanged.

### CLAYS AND FILLERS

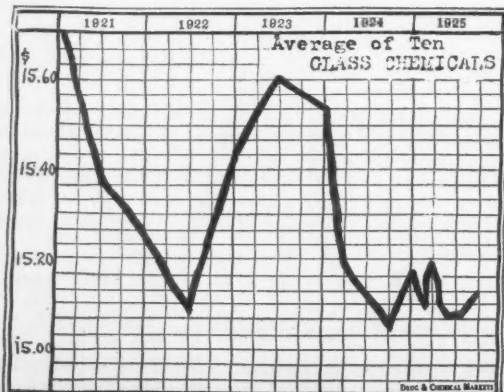
Barytes—The market continues active with prices well maintained at steady figures.

Blanc Fixe—There seems to be no tendency to change these prices with demand good and movements prompt.

China Clay—Little change in the actual market is seen

### Glass Chemicals

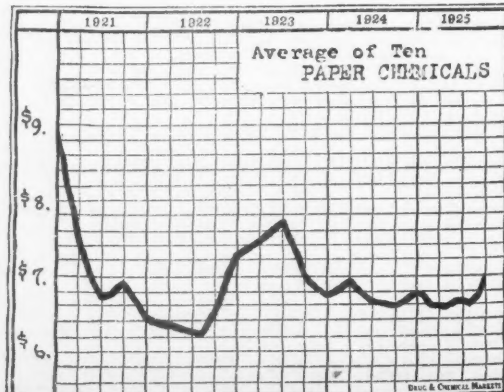
	Today	Last Week	Last Month	Last Year	War Peak	Pre War
Arsenic .....100lbs.	\$2.50	\$4.50	\$3.50	\$6.50	\$18.00	\$4.00
Fluorspar 96% c. i. f. ton	33.50	33.50	33.50	33.50	60.00	28.00
Limestone, ground .....ton	4.50	4.50	4.50	5.00	8.50	4.00
Litharge .....100lb.	11.50	11.50	11.50	10.50	17.00	9.00
Salt Cake .....ton	19.00	19.00	19.00	18.00	40.00	15.00
Silica, crude .....ton	6.00	6.00	6.00	10.00	20.00	8.00
Soda Ash Dense .....100lb.	1.45	1.45	1.45	1.45	4.10	.69
Sodium Silicofluoride 100lb.	4.25	4.25	4.25	4.00	10.00	3.50
Sodium Sulfate, anhy. 100lb.	3.00	3.00	3.00	3.00	8.00	2.50
Tin Oxide .....100lb.	63.00	61.00	61.00	55.00	100.00	60.00
Average .....	15.085	14.795	14.795	14.695	28.56	18.07



INDUSTRIAL CHEMICAL SECTION

### Paper Chemicals

	Today	Last Week	Last Month	Last Year	War Peak	Pre War
Aluminum Sulfate ..... \$2.00	\$2.00	\$2.00	\$2.00	\$2.00	\$5.00	\$1.50
Bleaching Powder ..... 1.90	1.90	1.90	1.90	1.90	9.50	1.50
Casein ..... .12	.12	.12	.12	.12	.28	.20
China Clay, Dom. .... 10.00	10.00	10.00	10.00	10.00	25.00	8.00
Chlorine c/l Cyl. .... .05½	.05½	.05½	.05½	.05½	.80	.08
Salt Cake ..... 19.00	19.00	19.00	19.00	19.00	80.00	11.00
Sodium Silicate, 40° ..... .80	.80	.80	.80	.80	1.75	2.00
Soda Ash, 58% wks. .... 1.38	1.38	1.38	1.38	1.38	4.10	.69
Sulfur ..... 18.00	18.00	18.00	18.00	18.00	65.00	20.00
Rosin F grade ..... 16.10	16.12½	13.55	6.75	4.50	20.25	
Average .....	6.945	6.939	6.327	9.999	13.50	5.50





here, with new contracts being written at unchanged figures and apparent business for the coming year comparing favorably with current business.

**Talc**—Demand is good, but with supplies adequate to meet this demand there is no reason for any change in the situation.

**Whiting**—Prices are unchanged with both spot sales and contract deliveries moving in good volume.

#### COLORS AND PIGMENTS

Dry color makers report a large volume moving but large production keeps prices at a low point. Chrome yellows are unchanged at 17c@19c lb. C. P. greens are steady at 26c@38c lb as to shade. Iron blues are holding at 33c@35c lb. Toners are in active demand but prices are unchanged at 85c lb for para red; \$1.75 lb for toluidine, red; and 85c@90c lb for lithol red. Carbon Black is very firm at 8c lb for carlots of bags at works. Lead pigments are unchanged.

#### DYE AND TAN WOODS

With new crops of barks and pods now offering, there is some increased activity shown, and price fluctuations are more common. Divi divi is held in some quarters at \$55 ton although sales have recently been made at \$53. Sales of mangrove have been made at \$46 ton with shipment offerings now made at \$44 ton. J1 myrobalans are named \$55 ton although it is intimated that better could be done while J2's are down to \$46@50 ton. Sumac is unchanged at recent reduction with valonia cups down to \$34@40 ton, beards to \$38@47 ton and wattle unchanged at former figures.

#### EXTRACTS

Consuming demand shows a fair degree of activity, but manufacturers are yet far from satisfied with the volumes moving. Borneo cutch, fustic and gambier seem fairly active with logwood and hematine showing their normal demand. Prices are unchanged throughout the list and the belief is held that they cannot go any lower. If anything like a sizeable demand should appear, prices would more probably trend upward toward something like a fair return for the manufacturer.

#### FERTILIZERS

Demand continues steady with most of the prices unchanged at former levels. The catch of fish has been larger and fish scrap has been reduced to \$4.25 and 10c ff. o. b. works, with the ground at \$4.80 and 10c Baltimore. Sales have increased somewhat following the reduction. South American goods have further advanced, bringing the blood up to \$4.40 and tankage to \$4.45 with New York and Chicago goods unchanged. Other raw materials used in fertilizer manufacture are unchanged. Some weakness is expected in the ammonium sulfate situation following the recent developments in the ammonia market.

#### INSECTICIDES AND FUNGICIDES

Market remains in a very quiet condition and makers will give no indication of when new prices will be announced. In the meantime low-priced sellers continue to supply the small off-season demand on the entire list.

#### METALS

Antimony remained firm over the week and quotations show no variation from 17c@17½c lb. Copper advanced slightly on better movement and quotations are given at 14½c@14½c lb for Lake, and 14½c@14½c lb for electrolytic. Lead holds firm at recent prices of 9½c@9½c lb at New York, and 9½c lb at East St. Louis. Tin is very strong and has recorded a further advance to 61½c lb. Zinc has risen to another new

high for the year at 8½c lb at New York, and 8½c lb at East St. Louis.

#### NAVAL STORES

**Rosins**—Prices varied only a few cents per 280 lb over the week and the market still presents a very strong appearance. Quotations are as follows: B \$16.00 @ \$16.20; D, E, F, G, H, I, K, \$16.10 @ \$16.20; M \$16.17½ @ \$16.20. N \$16.27; WG \$16.27 @ \$16.40; WW \$16.35 @ \$16.60.

**Turpentine**—Although prices varied slightly during the week quotations are now at last week's levels of \$1.13 @ \$1.16½ gal. as to seller and quantity.

(Special Correspondence to DRUG & CHEMICAL MARKETS)

Savannah, Ga., Oct. 10—Turpentine closed firm at \$1.06½, which is 1c above last week's closing. Offerings of 79 bbls. were carried over against bids of \$1.06½. Receipts for the next two months will be only fair and, since stocks are in strong hands, only slight declines are possible, and still higher prices might be realized. Receipts for the week were 3,545 bbls.; stock on hand totals 15,867 bbls.

Rosins closed firm at small advances on common and medium grades and slight declines on fine grades. The market has eased off slightly daily. There is no basic change in the situation and consumers will probably continue to pay high prices although prices will fluctuate at the higher levels. Most dealers consider rosins a good investment and apparently expect prices to go higher. Europe and the Orient continue to demand large quantities of rosins. Closing quotations are: B, D, E, F, G, H, I, K, \$14.50; M, N, \$14.52½; WG \$14.65; WW, X, \$14.85.

Jacksonville, Fla., Oct. 10—Turpentine closed firm at \$1.06¼ with one seller refusing this price for 63 bbls. Rosins closed steady at following prices: B, D, E, F, G, H, I, K, \$14.55; M \$14.60; N \$14.65; WG \$14.70; WW, X, \$14.85.

#### STARCHES, DEXTRINS AND SIZES

**Amber Sorts**—This market has firmed up a trifle and is now quoted at 13¼c@13½c lb.

**British Gum**—The price of corn has again been reflected in this market which has declined 25c 100 lb and is now quoted at \$4.27 in carlots and \$4.37 in smaller quantities.

**Casein**—Market is rather quiet at the moment with the future situation uncertain, due to lack of accurate information as to future production. Price is steady at 12c@13c for both foreign and domestic grades.

**Corn Syrup**—This has also declined, following the grain market and is now named at \$3.41@3.65 as to grade.

**Dextrins**—The grain market has also affected this market, bringing the price down to \$3.97 100 lb for the white in carloads with canary down to \$4.02.

**Gelatins and Glues**—There has been no change in this situation, although an advance in the price of gelatins is looked for in some quarters.

**Glucose**—The price of glucose has been reduced, on further weakening of the grain market and is now quoted at \$3.24@3.59 100 lb as to grade.

**Starches**—Powdered corn starch has been reduced to \$3.32 100 lb in carlots with pearl down to \$3.22.

John C. Wiarda & Co., Brooklyn, N. Y., have sent to their customers a card explaining treatment for hydrofluoric acid burns. The first step is to "get cold water on the burn at once." Copies will be sent to the trade on request.

## QUOTATIONS ON CHEMICAL STOCKS

Closing Prices For Week Ending Oct. 10, 1925

Bid	Asked	Bid	Asked
*Air Reduction .....108 1/2	109	Hercules Powder ....104	107
*Allied Chem & D ..107	107 1/2	Hercules Powd., pf..105	107
*Allied C & D pf. ....119 1/2	119 3/4	Heyden Chem ..... 2	—
*Am. Ag. Ch. .... 27 1/2	27 3/4	Hooker Electro ..... 12	15
*Am. Ag. Ch., pf. .... 78	78 1/2	Hooker Election, pf. 50	60
*Am. Chiclé ..... 48	48 1/2	*Household Products 41 1/2	41 3/4
*Am. Chiclé pf. .... 86	89 1/2	*Int. Agricult. .... 16	16 1/2
*Am. Cyan .....110	115	*Int. Agricult. pf. ... 68	—
*Am. Cyan, pf. .... 84	88	*Int. Nickel ..... 33 1/2	33 3/4
*Am. Druggists S. .... 44	47 1/2	*Int. Nickel, pf. ....100	100
*Am. Glue ..... 47	50	*Int. Nickel, pf. .... 79	79
*Am. Glue, pf. ....106	109	*Int. Salt ..... 70	79
*Am. Linseed ..... 47 1/2	48 1/2	*Mathieson Alk. .... 85 1/2	86
*Am. Linseed, pf. .... 87 1/2	88	MacAnd & Forbes ..163	167
*Am. Metal ..... 50	50 3/4	MacAnd & Forbes, pf100	103
*Am. Metal pf. ....114	116	Merck & Co. .... 55	57
*Am. Zinc ..... 75	8	Merriam ..... 84	86
*Am. Zinc, pf. .... 31	31 1/2	Mulford Co. .... 30	33
*Archer Dan Mid ..... 43 1/2	44 1/2	*National Lead .....158	159
*Archer Dan Mid pf101	—	*National Lead pf....116	117
*Atlas Powder ..... 50	52	*Niag. A., pf. .... 80	85
*By-Prod. Co. .... 46	49	N. J. Zinc .....195	197
*By-Prod. Co., pf. ....102	105	Parke, Davis & Co..100 1/2	—
Canad. Ind. Al. .... 15 1/2	—	Penn. Salt ..... 71	—
Canad. Salt .....105	115	*People Gas Chl....117 1/2	118
Casein Co. .... 85	—	Procter & Gamble ..129	131
Celluloid Co. .... 26	27	Procter & Gam., pf..158	—
Celluloid Co pf. .... 73	77	Royal Bkg. Pow....139	143
*Certain-teed Prod. 53 1/2	53 3/4	Royal Bkg Pow., pf.100	102
Charcoal Iron ..... 10	20	Shawinigan .....162	—
Ches. Mfg. pf. .... 64 1/2	65	Sherwin-Will 1st pf.105 1/2	—
Clark Co., Fred. .... 2 1/2	—	*Sterling Prod. .... 74	75
Cleve. Cliffs Iron .... 70	75	Swan-Finch ..... 16	17
*Com. Solv. A. .... 93 1/2	97	*Tenn C & Chem ..123 1/2	124 1/2
Do B. .... 88	91	*Tex Gulf Sul .....115 1/2	115 3/4
*Corn Products ..... 36 1/2	37	Union Carbide ..... 72 1/2	73 1/2
*Corn Products, pf..120	122	*Un Drug .....133	134
*Davison Chem ..... 40 1/2	41	*Un Drug 1st pf. .... 54 1/2	55
Dow Chem. no par. .... 55	65	*Un Dyewood ..... 15	20 1/2
Dow Ch., pf. .... 98	102	*Un Dyewood, pf. .... 60	67 1/2
Dow Drug Co. ....140	—	Un Gas Imp ..... 99 1/2	—
Dow Drug Co., pf. ....105	108	Un. Gas Imp. pf., .. 58 1/2	—
*DuPont Deb .....102	102 1/2	U. S. Gypsum .....200	198
*DuPont de Nem. ....192	196	*U. S. Indus. Al ..... 93 1/2	94
*Eastman Kodak .....110 1/2	111	*U. S. Indus Al., pf.109	112
*Eastman Kodak, pf.111 1/2	—	Va Car Ch ..... 2	2 1/2
*Freeport Tex. .... 23 1/2	24	*Va Car Ch. pf. .... 11 1/2	12
*Gen Asphalt ..... 56	57	*V. Vivaudou ..... 19	19 1/2
*Gen Asphalt, pf. .... 99	100	Will & Baumer .... 12	14
*Gold Dust ..... 43 1/2	43 3/4		
Grasselli .....125	130		
Grasselli, pf. ....101	103		

\*Listed on New York Stock Exchange

FOREIGN EXCHANGE	Par	Current
Great Britain (pound Sterling) .....	\$ 4.866	\$4.83 3/4
France (franc) .....	.183	.046
Italy (lira) .....	.193	.040
Belgium (franc) .....	.198	.045
Czechoslovakia (crown) per hundred .....	20 30	2.967
Denmark (krone) .....	.268	.241
Germany (mark) .....	.238	.238
Holland (florin) .....	.402	.401
Norway (krone) .....	.250	.200
Poland (zloty) .....	.193	.170
Spain (peseta) .....	.262	.143
Sweden (krone) .....	.193	.248
Switzerland (franc) .....	.193	.192
Argentina (peso) .....	.424	.414
Brazil (milreis) .....	.324	.148
Japan (yen) .....	.499	.407
India (rupee) .....	.485	.366
China (silver dollar, Hongkong) .....	.789	.593
(Tael—Peking, silver) .....	1.146	.822
(Tael—Shanghai, silver) .....	1.586	.780

A 7 per cent \$1,000 bond of Chemical Company of America, due in 1933, was sold at 40 per cent "for account of whom it may concern," by Adrian Miller & Son at the Vesey Street Auction Rooms, on Oct. 7.

Aluminum Company of America has notified stockholders that the right to subscribe for common stock at \$5 a share, pursuant to the announcement made some time ago, will expire Oct. 9.

## New Incorporations

## In the Chemical, Drug, Oil Producing and Consuming Fields

Bayer Tanning and Dressing Corp., Newark, N. J., \$100,000. Mark V. Brennan, Frederick Bayer, Newark; Charles L. Bayer, New York. Attorney Michael J. Quigley, Newark.

Eastern Oil Processing Co., Dover, Del., \$700,000. Representative, James M. Satterfield, Dover.

Cel-U-Var Co., Wilmington, Del., \$100,000. To manufacture chemicals and chemical products. Corporation Service Co. Eckalon Co., Wilmington, Del., \$2,000,000. Chemicals. Corporation Service Co.

Bellnair Laboratories, New York City \$10,000. To make dyes. J. Schlamp, C. B. Lawrence, G. M. Cody. Attorney, G. V. Grainger, 150 Nassau st.

Stowd Holcombe Cotton Mill, Wilmington, Del., \$500,000. Delaware Registration Trust Co.

Cotter-Goggins, East Bloomfield, Ontario County, \$25,000. Lubricants. M. Cotter, W. Goggins. Attorney, J. Shea, Canandaigua, N. Y.

Federal Brass Foundry, Belleville, N. J., \$100,000 in preferred and 250 shares common, no par. Peter P. Nielsen, W. J. Brown, Belleville, N. J.; G. Stadel, Newark, N. J. Attorney, J. B. Brown, Newark.

Browning Pyroxylin Products Corporation, North Arlington, N. J., \$100,000. W. H. Browning, H. E. Browning, Jersey City, N. J.; P. Hoffman, Belleville, N. J. Attorneys, Darling, Barnes & Dowden, Jersey City, N. J.

J. R. Kilburn Glass Co., Inc., Chantley, Mass., \$50,000. J. R. Kilburn, C. A. Kilburn, W. A. Kilburn, Chantley, Mass.

Dralti Products Co., Inc., Brockton, Mass., rubber cement, blacking and stains, \$10,000. W. B. Tibbets, F. E. Drake, G. W. Robbins, 21 Somerset Place, Brockton, Mass.

Spirit Oil Co., Boston, Mass., chemical oils, \$25,000 and 750 shares no par stock. P. C. Hill, A. H. Coughlin, 4 Pequotsett Road, Belmont, Mass.

Hutchins Different Ink Co., Lynn, Mass., ink, \$25,000. H. R. Hutchinson, F. H. Nichols, R. C. Wells, 11 Nichola st., Lynn, Mass.

Franklin Pottery, Lansdale, Penn., \$154,000. Clay products.

Hand & Bros., Paterson, N. J., \$1,000,000. To manufacture silks. William Hand, Paterson; J. A. Stanley Hand, Frederick Hand, Ridgewood, Attorney, J. Vincent Barnitt, Paterson.

Chickee Co., New York City, \$10,000. To make toilet articles. M. Cohen, E. Phillips, C. Austern, 454 Fort Washington ave.

Waterside Chemical Corp., Jersey City, N. J., 2,000 shares common stock, no par. Harry B. Davis, Raymond J. Gorman, Michael A. Costaldi, New York. United States Corporation Co., New York.

Fay Silk Co., Paterson, N. J., \$125,000. Archie B. Mardus, Samuel Lamack, Alexander Josephson, Paterson. Attorney, Charles Turnford, Paterson.

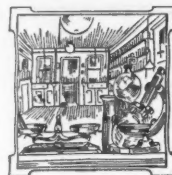
Pyle Leather Corp., Wilmington, Del., \$100,000. Delaware Registration Trust Co.

Surplus of \$152,667 is shown by the Woburn Degreasing Co., Woburn, Mass., in a statement recently filed. There is also a reserve for depreciation of \$86,500. Accounts receivable amount to \$81,319 and notes receivable \$2,000, against which are accounts payable \$33,500 and notes payable of \$15,000. Cash on hand \$49,891 and merchandise \$24,062, real estate and machinery \$231,280, bonds and trade acceptances \$5,994. Value of prepaid insurance \$9,900. The company is capitalized at \$150,000.

Barr Chemical Co., Peabody, Mass., reports surplus of \$17,794 at the close of the calendar year 1924. Statement of assets includes cash \$6,494, merchandise \$10,022, accounts receivable \$14,194, notes receivable \$17,000, real estate and machinery \$82,900, patent rights \$7,500; good will is valued at \$5,000. Accounts payable \$4,784 and mortgages \$22,500. The company is capitalized at \$100,000. Paul Moise is treasurer.

Hercules Powder Co. declared a quarterly dividend of 1 1/4 per cent on the preferred, payable Nov. 14 to stock of record Nov. 5.

Columbian Carbon Co. declared a quarterly dividend of \$1, payable Nov. 2 to stock of record Oct. 19.



# Drug & Fine Chemical

## SECTION



## New Chemical Import Statistics Issued

Perfume Materials, Medicinal Preparations and Chemical Salts Imported in September Amounted to 14,820 Pounds, Valued at \$25,177—Chemical Divisions of Department of Commerce and Tariff Commission Supply Details of Import Trade Under Paragraphs 1, 5, 23 and 61 of the Tariff Act of 1922.

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., Oct. 14—Imports of chemical

Paragraph 5—All chemical elements, all chemical salts and compounds, all medicinal preparations, and all combinations and mixtures of any of the foregoing, all the foregoing obtained naturally or artificially and not specially provided for, 25 per centum ad valorem.

Name	Quantity Pounds	Per Cent by Country of Shipment
Neutral ammonium oxalate	1,116	G. 100%
Potassium binoxalate	4,487	G. 100%
Sodium cacodylate U.S.P.	26	F. 100%

Paragraph 61—Perfume materials: Ambergris, civetorum, civet, and musk grained or in pods, 20 per centum ad valorem; anethol, citral, geraniol, heliotropin, ionone, rhodinol safrol, terpineol, vanillin, and all natural or synthetic odoriferous or aromatic chemicals, all the foregoing not mixed and not compounded, and not specially provided for, 45 per centum ad valorem; all mixtures or combinations containing essential or distilled oils, or natural or synthetic odoriferous or aromatic substances, 40 cents per pound and 50 per centum ad valorem; Provided, that only materials not marketable as perfumery, cosmetics, or toilet preparations, and not containing more than 10 per centum of alcohol, shall be classified for duty under this paragraph; Provided further, that all of the foregoing materials containing more than 10 per centum of alcohol shall be classified for duty under paragraph 62 as toilet preparations.

Name	Quantity Pounds	Per Cent by Country of Shipment
Acacia S	2	F. 100%
Ajone No. 1	4	F. 100%
Alcohol C 10	1	F. 100%
Alcohol C 11	2	H. 100%
Aldehyde C 9	3	H. 100%
Aldehyde C 11	1	F. 100%
Aldehyde C 14	5	H. 100%
Aldehyde C 16	7	H. 100%
Aldehyde C 18	10	H. 100%
Ambraleine	18	F. 100%
Ambergris	10	F. 100%
Ambreine	10	S. 100%
Ambreine scur	9	F. 100%
Aurantine M	25	F. 100%

salts, medicinal preparations and perfume materials, mentioned in paragraphs 1, 5, 23 and 61 of the Tariff Act of 1922 (with the exception of citric, oxalic, tartaric and formic acids, figures for which appear in the monthly summary of Foreign Commerce of the United States) amounted to 14,820 pounds, valued at \$25,177 in September. The statistics were compiled by the chemical division of the Department of Commerce and the Tariff Commission.

Name	Quantity Pounds	Per Cent by Country of Shipment	Name	Quantity Pounds	Per Cent by Country of Shipment
Aurantiol	40	H. 100%	Jasmine S cream oil compound	51	G. 100%
Azolia	18	F. 100%	Jasmine ES talcum oil	22	G. 100%
Bay rum compound	3	H. 100%	Lilac No. 10	25	F. 100%
Benzoin fluid	25	F. 100%	Lilac soap compound	13	H. 100%
Bouvardia A	5	F. 100%	Linalol	220	F. 100%
Capucine E	15	F. 100%	Linalool c.p.	10	G. 100%
Chyvre floral otto	2	H. 100%	Linalyl acetate	100	F. 100%
Cinnamic alcohol	25	H. 100%	Linalyl acetate from shiu oil	70	H. 100%
Cinnamyl acetate	4	H. 100%	Methyl heptene carbonate	2	F. 100%
Cinnamyl propionate	5	H. 100%	Methyl neryl ketone	5 oz	F. 100%
Citral	50	G. 50%	Myristic acid	5	H. 100%
		H. 50%	Myrrh	1	F. 100%
Citronellol	121	H. 91%	Narcisse M Co.	10	F. 100%
		F. 9%	New mown hay floral otto P	2	H. 100%
Citronellol D	115	S. 87%	Oak moss absolute	5	F. 100%
		F. 13%	Oak moss concrete	26	F. 100%
Citronellol IA	20	H. 100%	Oak moss fluid ..	25	F. 100%
Citronellol N	15	F. 100%	Oak moss oleo rosin	5	H. 100%
Citronellol PS	50	H. 100%	Oil of rhodium	50	G. 100%
Clymene white	22	F. 100%	Oil of red rose S and C	100	G. 100%
Cratogene N	11	F. 100%	Olibanum	5	F. 100%
Cyprianol	11	F. 100%	Opopanax	190	F. 100%
Eridax	4	F. 100%	Opopanax	1	F. 100%
Ethylene carbide	20	F. 100%	Orangeol	1	H. 100%
Florentia	44	F. 100%	Oriental base M	45	S. 100%
Flosal	50	F. 100%	Oriental soap compound	5	H. 100%
Fixateur special	5	H. 100%	Orris Florentine	125	F. 100%
Fleurs de Muguet M essenc	2	F. 100%	Pitunia	396	F. 100%
Fuchsia	18	F. 100%	Prolegol	18	F. 100%
Geraniol	186	S. 54%	Paldeine D	12	F. 100%
		F. 35%	Rose compound	7	H. 100%
Geraniol B	50	H. 11%	Rose de Dijon	2	F. 100%
Geraniol GC	25	F. 100%	Rose Drago S	2	G. 100%
Geraniol extra M Co	50	H. 100%	Rosin oil	55	H. 100%
Geranyl acetate	10	G. 100%	Sambucin C	18	G. 100%
Heliotrope soap compound S.P.	26	H. 100%	Storax liquid colorless	2	G. 100%
Heno de Padua for soap	25	H. 100%	Tamaris	4	F. 100%
Hyacinth compound	190	G. 100%	Terpineol crystals	137	G. 100%
Hydroxycitronellal	124	H. 56%	Terpineol C. p.	4,959	G. 100%
		F. 44%	Terminyl acetate	200	H. 100%
Indolal white M Co.	2	F. 100%	Tillend essence white	100	F. 100%
Ionone alpha	75	F. 100%	Tolu extra conc.	222	F. 100%
Iraldeine	51	F. 100%	Tuberose floral otto	2	H. 100%
Irazine	5	F. 100%	Tulip essence	11	F. 100%
Irolane	5	F. 100%	Tulip soap compound	7	F. 100%
Irosone N	5	S. 100%	Violet	50	F. 100%
Isoeugenol c.p.	10	G. 100%	Violette ketone	220	F. 100%
Iacinthe H	44	F. 100%	Violone alpha	25	F. 100%
Jasmine white	95	F. 100%			

More than 1,200 cases involving the Food and Drugs Act were submitted to the Attorney General in the last fiscal year by the Secretary of Agriculture for legal action, and of this number, 270 were criminal in their nature, and 940 involved seizure of the products.

The Drug and Chemical Section of the New York Board of Trade and Transportation held its first meeting after the Summer vacation, on Wednesday, at 41 Park Row. W. Homer Hendricks, of New Jersey Zinc Sales Co., read a paper on "Zinc."

In the case of Lehn & Fink, New York, against the United States, the Board of Customs Appeals has decided that an importation of bay rum by the New York house was not liable to the \$2.20 tax per proof gallon imposed by the Collector. The decision reverses the judgment of the Board of U. S. General Appraisers.

Kiefer-Stewart Co., Indianapolis, wholesale druggist, has purchased an interest in Walding, Kinnan & Marvin Co., of Toledo. The company will cover Ohio, Indiana, Illinois and Michigan with 50 salesmen.



## The Fine Chemical Market

Current Spot Quotations for Fine Chemicals, see Chemical pages 1070-1088

### QUICKSILVER UP, CODLIVER OIL DOWN

Foreign Market For Quicksilver Much Firmer—Demand Weaker For Codliver Oil—Thymol and Glycerin Advanced—Menthol Much Weaker on Spot—Strychnine and Salts Lower

#### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

<b>Advanced</b>	
Bay Rum, 5c gal.	Mercury, 75c flask.
Glycerin, 1/2c lb.	Thymol, 10c lb.
<b>Declined</b>	
Camphor, Jap. slabs, 1c lb.	Menthol, 50c lb.
Codliver Oil, \$1.00 bbl.	Potassium Permanganate, 1/4c lb.
	Strychnine 10c oz.

#### Trend of the Market

	Last Today	Last Week	Last Month	Last Year	War Peak	Pre- War
Acetanilid .....	.35	.35	.35	.35	\$2.00	.20
Acid Citric Import .....	.45	.45	.45	.45 1/2	1.25	.45
Caffeine, Alkaloid .....	3.75	3.75	3.75	3.50	13.00	3.65
Calomel, American .....	1.37	1.37	1.37	1.22	3.43	.90
Camphor, Jap ref. ....	.73	.74	.75	.65	3.55	.41
Iodine, Resublimed .....	4.65	4.65	4.65	4.65	5.00	3.75
Menthol .....	9.75	10.75	11.00	12.75	13.50	3.00
Potassium Bromide, Cryst. ....	.48	.48	.48	.38	4.30	.80
Quinine Sulfate, Imp. ....	.50	.50	.50	.50	.90	.25
Sodium Salicylate .....	.40	.40	.40	.40	4.25	.27
Strychnine Sulfate .....	.50	.50	.50	.49 1/2	1.05	.50
<b>Average .....</b>	<b>2.077</b>	<b>2.155</b>	<b>2.194</b>	<b>2.22</b>	<b>5.92</b>	<b>1.56</b>

The market for fine chemicals during the week has not been up to levels established during September, but trading is still of fair proportions and consuming demand is good. Demand for a number of staple items is on the increase and in some instances prices have followed demand. Some weaknesses have developed, due to competition, receipt of larger stocks, or brought about artificially. A much firmer tone is evident in the mercury market although actual demand has not reached anything like sizeable proportions. An advance has been effected in the price of this commodity with glycerin advanced on good demand; also bay rum and thymol. A poor demand, following a falling exchange, is making its effect felt on the market for codliver oil, even though the exchange has recovered to some extent. Strychnine and its salts have been reduced in price due to competition and menthol has fallen to a point little above future shipments. It is rumored that Japanese distillers are now trying to buy their oil advantageously.

**Acetanilid**—Market is quiet with prices unchanged at 35c@36c lb.

**Acid, Benzoic**—There has been no change here with competition keen and a good demand continuing. Prices are steady with resales still offering at under the manufacturers' prices.

**Acid, Camphoric**—Prices unchanged with demand routine.

**Acid, Carbolic**—Prices are steady at recent decline for small lots which was brought about by a lower price in phenol some time ago.

**Acid, Citric**—Limited lots are still offered in the New York market for 44 1/2c lb with most holders of imported goods firm at 45 1/2c@48c lb. Little change is seen in the basic situation.

DRUG AND FINE CHEMICAL SECTION

**Acid, Diethylbarbituric**—Demand is reported as fair with prices unchanged at \$4.20@4.35. Replacements are held at \$4.75 lb.

**Acid, Salicylic**—Demand is of fair proportions with competition among sellers at a high pitch. No shading is reported at present and second hand sellers are up to manufacturers' levels.

**Acid, Tartaric**—Prices are firm with demand continuing to be of fair proportions.

**Alcohol**—A slight lull exists in the spot market at present, pending the advent of some really cold weather, when demand for anti-freeze mixtures will bring buying to the fore. Manufacturers are making prompt deliveries and are holding prices firm, but some outside lots are offered at below their figures. No. 5 completely denatured is offered in second hands at 52c gal. in drums or 55c@56c in barrels.

**Alkaloids**—Competition is somewhat keen in certain directions and last week, strychnine and its alkaloids were reduced 10c oz. This brings the alkaloid down to 61c oz. for the crystals and 51c oz. for the powder, the sulfate to 42c oz., saccharinate to \$1.15 oz., the hyposulfite to 65c oz. and the other salts to 55c oz. Manufacturers' quotations are unchanged for quinine but the sulfate is offered in second hands at 47c oz. with bisulfate offered as low as 38c oz. No other changes have been made within the week.

**Amidopyrine**—There has been little change in this situation with demand routine and prices steady.

**Antipyrene**—Some firmness is indicated in this market with prices unchanged, and fair demand showing.

**Bay Rum**—Demand for bay rum has been good and imported goods which were formerly available at 80c a gallon are now held at 85c with domestic up to 75c gal.

**Bromides**—Interest is somewhat better than it has been recently and prices show some variation as to holder. Supplies are sufficient to meet current demand. Ammonia is held at 51c all the way up to 55c lb, with potash at 39c@41c and soda at 43c@45c lb.

**Camphor**—Demand for Japanese slabs is improving with supplies in good position. Prices are well held at 73c@74c lb for the 2 1/2 lb slabs with ounce and half ounce cakes at corresponding figures.

**Codliver Oil**—Demand, which fell off with the falling exchange, is still rather weak although exchange has strengthened. Prices on spot have receded to \$39.00@42.00 as to brand.

**Cream of Tartar**—There has been no change in this situation with prices still at 20 1/2c@21 1/2c as to holder and quantity.

**Cresol**—This situation has not yet eased sufficiently to allow of any sizable offerings on the market, and prices are given for future deliveries only.

**Fusel Oil**—The price of this item seems now to be generally conceded to be \$2.00@2.10 for the crude with refined at \$3.25@3.50 gal.

**Glycerin**—Demand for C. P. grade is great and producers have advanced their price to 19 1/2c lb with saponification up to 14c lb. Unusually large imports were noted through Philadelphia this week.

**Guaiacol**—The market is strong at recent advance for the liquid with the crystals and carbonate also firm at unchanged figures.

**Haarlem Oil**—Demand is good with prices firmly held at recent advances.

**Iodine**—This market is well held in a very firm position with demand good at recent advance for the tincture. Resellers are forced almost up to manufacturers' levels. All iodides are strong with some higher tendency shown.

**Menthol**—The Japanese are now quoting immediate shipment at almost the same levels as shipments for the early part of next year. Spot sales have been consummated at \$9.75 with even a little better done in some instances, although open quotations are not below \$10.00 lb. Some belief is expressed that the Japanese are selling low while they are buying in their oil.

**Mercury**—The market is much firmer abroad and some reflection is felt in the spot market. Prices have advanced to \$81.25@\$81.50 flask with some holders asking \$82.50. Demand is not great but a strong undertone is felt in this market.

**Potassium Permanganate**—The market continues normal with prices ranging from 14¼c to 15c lb as to holder.

**Silver Nitrate**—Some more fluctuations were made in this market but the week closed at the same price of 47¾c oz.

**Thymol**—Activity keeps the price of this commodity changing and demand has again pushed it up to \$4.00 as an inside for spot goods. Prices are high abroad and first hand holders are firm here.

**Zinc Stearate**—Prices are steady with demand good.

Meetings scheduled for the rest of the year in Rumford Hall, Chemists' Club, New York, are as follows: Regular meeting of the Society of Chemical Industry, Oct. 16; joint meeting of American Chemical Society, Society of Chemical Industry, American Electrochemical Society and Societe de Chimie Industrielle, with American Chemical Society in charge, Nov. 6; regular meeting of American Electrochemical Society, Nov. 13; awarding of the Grasselli medal at the meeting of the Society of Chemical Industry, Dec. 4; and regular meeting of the American Chemical Society, Dec. 11.

Cuban sugar production has been completed, with a record total of 5,120,421 tons, an increase of 1,067,874 tons over last year, the previous record. Stocks of sugar at Cuban shipping ports, according to Federal Sugar Refining Co., totaled 677,017 tons on Sept. 26 against 294,569 tons at the corresponding date of last year, while exports from Cuba to all ports aggregated 3,976,849 tons, against 3,515,541 tons last year.

St. John's bread is dutiable at 10 per cent ad valorem as an unenumerated unmanufactured article under paragraph 1459 of the Tariff Act of 1922 according to a decision of the Board of United States General Appraisers in favor of Sokol & Co., Chicago, Frederick Henjes, Jr., and Luthi Trading Co., New York.

Sales of iodine in 1924 reached \$6,250,000, the highest ever attained, with the Chilean nitrate industry supplying 80 per cent of the sales or \$4,934,215, represented by 12,069,866 ounces.

An organization of opium dealers has been formed in Turkey to establish direct relations with foreign buyers and to push the sale of opium.

## BROMIDES HIGHER IN LONDON

**Advances Also in Ipecacuanha, American Peppermint Oil, Japan Mint Oil, Thymol and Cocoa Butter—Mercury Firmer—Strychnine, Shellac, Castor Oil, Codliver Oil and Citrates Lower**

(Special Cable to DRUG & CHEMICAL MARKETS)

London, Oct. 14—Trading in crude drugs and fine chemicals is less active this week. Higher prices are asked for ipecacuanha, emetine preparations, American peppermint oil, Japan mint oil, thymol, cocoa butter, and bromides.

Quotations are firmer on mercury. There is an easier tendency in gum arabic, cottonseed oil and oil lemon.

Lower prices are announced on strychnine, shellac for forward delivery, castor oil, caraway seed, codliver oil and citrates.

London, Oct. 3 (By Mail)—A fair amount of business is passing and the Drug Auctions went off more briskly than for some time and showed an improving demand. The features were ipecac (Matto Grosso) which fetched much higher rates and eucalyptus oil. Cardamoms, native Jamaica sarsaparilla and honey were disposed of with good competition at much better prices than at the last auction.

**Ipecac (Matto Grosso)**—Stocks are now limited and fairly bright is selling at 10s per lb with rising tendency. For good bright up to 12s per lb was paid and for ordinary lean 9s 2d per lb is asked.

**Sarsaparilla** is in better demand, fair Jamaica changing hands at 1s 5d per lb and Mexican is held at 10d per lb.

**Senega**—Business has been done at 2s 8d per lb.

**Balsam Tolu** of fair quality is offering at 4s 9d per lb.

**Cardamoms** continue to advance. Good bold pale 8s 3d@8s 6d per lb; medium 6s 6d; small 5s 9d@6s per lb.

**Ergot** is higher for shipment from Spain at 2s 5d per lb c. i. f. but spot supplies are available at 2s 3d per lb.

**Menthol** is quiet at 47s per lb.

**Mint Oil**—25s could be shaded.

**Peppermint Oil, American**—Pressing buyers have been paying higher prices and 65s 6d to 67s 6d is now asked c. i. f. and 70s per lb spot.

**Citric Acid** is a weak market and with orders in hand could be bought at 1s 2½d per lb, less 5 per cent.

**Lavender Oil, French**, has again advanced to francs 325@330 for forward shipment and spot has followed suit to 27s 6d per lb.

**Lemon Oil** of new crop is offered at 5s 9d per lb c. i. f. and last season's oil has advanced to 6s 9d c. i. f., for prompt shipment. Spot has risen to 6s 3d per lb.

The United States Civil Service Commission announced an open competitive examination for the position of Assistant Chemist to fill vacancies in the U. S. Navy Yard, Brooklyn, N. Y., at \$6.40 a day. Receipt of applications closes Oct. 31, 1925.

Directors of Vick Chemical Co. have declared an initial quarterly dividend of 87½ cents a share, payable Nov. 1 on stock of record Oct. 15. This declaration establishes the capital stock on an annual basis of \$3.50 a share.

## The Crude Drug Market

Current Spot Quotations for Crude Drugs, pages 1088-1093

### SPOT MEXICAN SARSAPARILLA SCARCE

Several Parcels Rejected by Agriculture Department—  
A Number of Other Scarcities Develop—All Flower  
Crops From Europe Scarce—Spice Market Weaker—  
Shipment Positions Almost Universally Higher Than  
Spot Positions

#### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

##### Advanced

Aconite Root, 5c lb.	Gamboge Gum, powd., 5c lb.
Alettris Root, 2c lb.	Horehound Herb, 1/4c lb.
Anise Seed, Star, 2c lb.	Japan Wax, 1/4c lb.
Amber Sorts, 1/4c lb.	Linden Flwrs, without lvs., 1c lb.
Balsam, Peru, 5c lb.	Malva Flowers, blue, 8c lb.
Beeswax, crude, 5c lb.	Manna, 2c lb.
Blackhaw Bark, tree, 1c lb.	Orris Root, 1/4c lb.
Calendula Flowers, 5c lb.	Pennyroyal Herb, 1c lb.
Carnauba Wax, 1c lb.	Pepper, 1/4c lb.
Cinnamon, Ceylon, 1c to 3c lb.	Prickly Ash Berries, 33c lb.
Cochineal, 2c lb.	Sabadilla Seed, 5c lb.
Culvers Root, 2c lb.	Sarsaparilla Root, Mex., 6c lb.
Deer Tongue Leaves, 2c lb.	Turpentine, Venice, true, 2c lb.

##### Declined

Althea Root, cut, 1c lb.	Montan Wax, 1/4c lb.
Blueflag Root, 2c lb.	Mustard, 1/4c lb.
Borage Flowers, 2c lb.	Pimento, 1/4c lb.
Caraway Seed, Dutch 1/4c lb.	Pink Root, 7c lb.
Cardamoms, dec., 5c lb.	Prince's Pine, 4c lb.
Cassia, sel. China, 1/4c lb.	Quassia Chips, 1/4c lb.
Cloves, Zanz., 1/4c lb.	Saffron, Span., \$2.00 lb.
Coltsfoot Leaves, 5c lb.	Saw Palmetto Berries, 8c lb.
Ginger, 1/4c lb.	Skullcap Leaves, Eastern, 1c lb.
Helonias Root, 10c lb.	Snakehead 2c lb.
Mace, Siau No. 1, 2c lb.	Stavesacre Seed, 10c lb.

#### Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Aconite Root, USP .....	\$30	\$25	\$25	\$35	\$90	\$42
Buchu Leaves, Short .....	.62	.62	.62	.76	4.00	.85
Cantharides Russian .....	.65	.65	.65	.80	9.00	2.10
Cocculus Indicus .....	.07 1/4	.07 1/4	.07 1/4	.08	.85	.08
Ergot, Spanish .....	.85	.85	.55	.31	4.50	.54
Insect Powder, pure .....	.29	.30	.30	.46	1.00	.28
Ipecac, Cartagena, powd..	2.60	2.60	2.60	2.40	4.50	1.35
New Vomica .....	.05	.05	.05	.05	1.40	.07
Onitum gum .....	12.00	12.00	12.00	12.00	30.00	5.00
Rhubarb Root, F. D. ....	.35	.35	.35	.35	1.75	.15
Tragacanth N. 1, ribbon	1.50	1.50	1.45	1.15	6.00	1.50
Wild Cherry Bk. Thin nat	.08	.08	.08	.08 1/4	.21	.07
Average .....	1.613	1.610	1.581	1.56	5.28	1.40

Crude drug trading fell off somewhat during the week, but is yet of fair proportions. Exchanges between dealers were not uncommon due to the fluctuating condition of so many prices, but consuming demand was not conspicuously absent. With practically all above ground crops in Europe materially cut down by the droughts of the summer, flowers, leaves and herbs are naturally higher on that market than they have been here. Some of the local prices are now rising to meet these higher primary prices and others may be expected to follow. The rejection last week of a complete shipment of Mexican sarsaparilla on account of its high ash, has produced a stringency in the local market, of which some holders are taking advantage to advance their price. A number of declines were also noted, due either to easier conditions with new crops or to a decreasing demand.

**Aconite Root**—Scarcity has developed, advancing the price to 30c@35c lb.

**Alettris Root**—Further advances have been recorded in this root, bringing the latest price up to 38c@39c lb.

**Althea Root**—Cut althea has been reduced to 44c@45c lb with whole unchanged.

DRUG AND FINE CHEMICAL SECTION

**Balsams**—There has been little change in this situation with the exception of Peru which is firmer at \$1.80 @ \$1.85 lb.

**Blackhaw Bark**—Bark of tree has advanced to 16c@17c lb with bark of root unchanged.

**Blueflag Root**—This is more readily obtainable at the reduced price of 25c@27c lb.

**Borage Flowers**—Market is easier at 16c@18c lb.

**Calendula Flowers**—Market continues to advance and is now quoting at 80c@85c lb.

**Cochineal**—This has advanced to 58c lb for the black and 56 1/2c for the silver.

**Coltsfoot Leaves**—Stocks are more readily available and the price has declined to 20c@25c lb.

**Culvers Root**—The price has advanced to 19c@20c lb on more active demand.

**Deer Tongue Leaves**—These are less readily procurable and have advanced in price to 10 1/2c@11c lb.

**Ergot**—The market continues firm and higher prices yet are expected in some quarters.

**Gums**—The market for gums is generally firm and advancing prices are noted in some instances. Amber sorts are higher at 13 1/4c@13 1/2c lb. Gamboge, powdered, is up to \$1.40 lb, with tragacanth reported much firmer and some quarters quoting higher prices. Myrrh is firm at recent advance, with olibanum, guaiac and mastic unchanged.

**Helonias**—Recent advance was short lived, new stocks appearing and bringing the price back down to 60c@65c lb.

**Horehound Herb**—The price of this herb in bales has advanced to 8c@8 1/2c lb.

**Insect Powder**—There has been no change in this market with heavy buying generally reported at steady prices.

**Larkspur**—Spot prices remain high but goods for arrival in about ten days are now offered \$2.00 lb.

**Linden Flowers**—Flowers without leaves have advanced to 20c@21c lb while flowers with leaves are unchanged at former prices.

**Lobelia Herb**—The South is still high but spot goods are offering at 38c@42c lb as to holder.

**Malva Flowers**—Blue flowers are not offering freely and have advanced to 40c@45c lb. Black flowers are unchanged.

**Manna**—Market is much firmer with large flakes advanced to 64c@68c lb and small flakes generally held at 45c@47c lb.

**Marjoram Leaves**—Scarcity continues in this market and price quotations are nominal. French are quoted at 53c lb but practically none is offering at that figure.

**Orris Root**—Powdered Florentine has advanced to 12c @13c with powdered Verona firmer at its former price. Fingers are now held at 60c@62c lb.

**Pennyroyal Herb**—Price has advanced on the local spot market to 8c@9c lb.

**Pink Root**—Recent strength in this market has been offset and prices have declined to 60c@65c lb.

**Prince's Pine**—New crop material appearing on the market has had a very decided effect and prices are now down to 16c@17c lb.



**Prickly Ash Berries**—Stocks have become limited and concentrated into one or two hands with the result that prices have been advanced to 45c lb.

**Quassia Chips**—Price has been reduced by lack of active demand and fair stocks to 6½c@7½c lb.

**Quebracho Bark**—This bark is now offering on the market at 35c lb.

**Saffron**—Spanish flowers have been offered subject to immediate release at the reduced price of \$28.00 lb.

**Sarsaparilla**—Rejection of several parcels of Mexican sarsaparilla has produced a stringency in the local market, advancing the price to 30c lb.

**Saw Palmetto Berries**—These berries are now procurable at 32c@40c lb as to holder.

**Seeds**—The seed market has been less active. Star anise has advanced to 17c@18c lb, with Sabadilla up to 25c for the whole and 30c@35c for the powdered. Burdock is offering at 50c lb with Dutch caraway down to 6¼c@7¼c lb, decorticated cardamoms to \$2.35@\$2.45 and stavesacre down to 30c@33c lb.

**Skullcap Leaves**—Eastern leaves are a trifle easier at 47c@48c lb.

**Spices**—Less activity was shown in the spice market this week. Cinnamons showed advances, with some of the peppers higher. Zanzibar cloves were down to 27c@27½c with weakness and lower prices shown in China cassia, ginger, mace, mustards, and pimento.

**Spikenard**—The market has declined to 15c@17c lb.

**Turpentine, Venice**—True Venice turpentine has recovered from its recent decline and is now held at 28c@29c lb.

**Waxes**—Beeswax is becoming scarce and crude has advanced to 42c@45c lb. Carnauba shows firmness with some higher prices. Japan is up to 17½@18c lb, with montan down to 6c@7c lb and ozokerite unchanged.

## ALCOHOL TAX HEARING SET FOR OCT. 29

(Special to Drug & Chemical Markets)

Washington, D. C., Oct. 14—The Ways and Means Committee of the House of Representatives, which is to begin hearings on Oct. 19 on a revision of the Revenue Act, will hear arguments on Oct. 29 relative to the alcohol tax.

The American Drug Manufacturers' Association, the American Manufacturers of Toilet Supplies and the Proprietary Association will have representatives at the hearing. The drug manufacturers will oppose any reduction or elimination of the alcohol tax, while the toilet supply manufacturers will favor it.

Search and seizure on premises for narcotics cannot be made without a warrant, according to a decision this week by the United States Supreme Court. In the Federal Court for the Eastern District of New York, Frank Agnello and four others were convicted of conspiracy to violate the Harrison Narcotic act and were sentenced to two years each in the penitentiary, with an accompanying fine in each instance of \$5,000; but the case was appealed to the Supreme Court, with the result that the court has given Agnello the right to another trial, stating in its opinion that the Fourth Amendment to the Constitution had been violated.

September sales of Louis K. Liggett Co., operating 305 drug stores as a subsidiary of United Drug Co., are reported as \$3,561,000, compared with \$2,986,000 in September last year, an increase of 19.26 per cent. For the nine months to October sales were \$31,040,662 against \$27,823,386 in 1924, an increase of 11.53 per cent.

## N. W. D. A. TO FIGHT PRICE CUTTING

**May Eliminate Preferential Discounts and If Necessary Refuse to Sell Goods to Offenders**—W. E. Greiner of Austin, Tex., Elected President—A. S. Wicks of Detroit, Chosen First Vice-President—Sewall Cutler, of Boston, Heads Board of Control.

Special to Drug & Chemical Markets

Detroit, Oct. 14—The National Wholesale Druggists' Association adopted a report of the Committee on Proprietary Goods urging wholesale druggists to eliminate the custom of allowances and preferential discounts now used in dealing with chain and department stores, to lessen price cutting, and should this action fail to serve its purpose, absolute refusal to sell drug goods to the offenders was proposed.

Officers were elected for the coming year as follows:

**President**—W. E. Greiner, president of Greiner-Kelly Drug Co., of Austin, Texas, succeeding Sewall D. Andrews, treasurer of Minneapolis Drug Co., of Minneapolis, Minn.

**Vice-presidents**—A. S. Wicks, treasurer and general manager of Michigan Drug Co., Detroit; J. H. Bellinger, Stewart & Holmes Drug Co., Seattle, Wash.; George A. Chandler, Sisson Drug Co., Hartford, Conn.; J. L. Bedsole, Bedsole-Colvin Drug Co., Mobile, Ala.; S. G. Pierpont, Loewry Drug Co., Inc., Baltimore, Md.

**Members of the Board of Control to serve three years:** Sewall Cutler, Eastern Drug Co., Boston; J. M. Penland, Waco Drug Co., Waco, Texas; Geo. V. Doerr, Minneapolis Drug Co.

**General Representative:** F. E. Holliday, New York; secretary, C. H. Waterbury, New York.

Sewall D. Andrews, president, said in his address: "The wholesale drug trade, which passed through the period of enforced adjustment with no serious damage, is in a position to go ahead with confidence and the expectation of a healthy increase in sales. The installment-plan debt of the United States is said to amount to more than \$3,000,000,000. Whether this manner of extending credit is evil or whether it marks a development in modern merchandising, which will persist and which is not to be deplored, is a question that has reputable supporters on both sides."

Mr. Andrews advocated price maintenance legislation, asserting that "there probably has never been a time in the history of American business when the evil of destructive price cutting was more prevalent than at present."

The Special Committee on Prohibition, headed by Dr. William Jay Schieffelin, of New York, urged co-operation with the Government "to make a complete success" of the Andrews plan of prohibition enforcement. "No such radical change as that outlined by General Andrews," said the report, "can be effected without some friction, individual instances of annoyance and hardship."

The Committee on Drug Market reported that drug business conditions for the year have followed the trend of general business in being uniformly good, and for the remainder of 1925 promise to be exceptionally good. Foreign merchants are taking much more care with the preparation of drugs for the American market, realizing the importance of having their products come up to the standards of the U. S. Bureau of Chemistry, according to the report, which predicted less trouble with inferior quality goods.

The Committee on Credits and Collections, of which William W. Gibson, of Albany, N. Y., is chairman, said in their report that "installment selling, if carried too far, will result in national disaster."

## The Essential Oil Market

Current Spot Quotations of Essential Oils, pages 1082-1084, Aromatic Chemicals, 1094

### PEPPERMINT UPSWING DOMINATES MARKET

High Price of Peppermint Has Caused Neglect of Other Domestic Oils—Spectacular Rises in Erigeron, Wormwood, Tansy, and Spearmint—Nutmeg and Pennyroyal Up—Eucalyptus Easier

#### PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced		Declined	
Oil Apricot Kernels, 2c lb.	Oil Pennyroyal, Dom., 40c lb.	Oil Wormseed, 25c lb.	
Oil Erigeron, \$1 lb.	Imported, 25c lb.	Oleoresin Vanilla, \$3 lb.	
Oil Lemon, 5c lb.	Oil Peppermint, Natl., 50c lb.	Menthol, 50c lb.	
Oil Mace, 30c lb.	Redistilled, \$1 lb.		
Oil Nutmeg, 30c lb.	Oil Tansy, \$1 lb.		
Oil Spearmint, 50c lb.	Oil Wormwood, \$1.25 lb.		
		Benzaldehyde, 15c lb.	

#### Trend of the Market

	Last Today	Last Week	Last Month	Last Year	War Peak	Pre- War
Oil Bergamot .....	\$5.50	\$5.50	\$5.75	\$3.35	\$7.00	\$5.00
Oil Citronella Ceylon .....	.50	.50	.50	.75	1.02	.60
Oil Cloves .....	1.85	1.90	1.90	1.85	3.70	1.40
Oil Lemon, Italian .....	2.00	1.95	1.65	1.85	1.70	2.00
Oil Peppermint Nat. ....	16.50	16.00	14.00	5.75	9.00	2.24
Oil Sandalwood, E. I. ....	7.00	7.00	7.00	6.15	14.00	5.25
Oil Sassafras, Artif. ....	.27	.27	.27	.35	1.00	.26
Commarin .....	3.10	3.10	3.10	3.25	31.00	3.10
Benzaldehyde U. S. P. ..	1.15	1.30	1.30	1.50	5.15	1.50
Methyl Salicylate Cans ..	.43	.43	.43	.47	1.00	.85
Vanillin .....	.44	.44	.49½	.49½	.95	.20
Average .....	3.55	3.53	3.35	2.24	6.83	2.05

The upswing in peppermint prices and the high level which has been maintained in this product for close to a year past, has reached the point where it almost completely dominates the market for American essential oils. In the Middle-West, all growers have concentrated on peppermint. As a consequence, erigeron, tansy, wormwood, and spearmint have been almost completely neglected and the spectacular price advances of the past ten days were not wholly unexpected. General business in essential oils has been less active this week. Sharp advances in pennyroyal and nutmeg oils have been announced. An easier position is noted for clove oil and eucalyptus. Citronella and wormseed oils continue soft.

#### Essential Oils

**Oil Apricot Kernel**—No more 58c oil was available early this week, best being 60c with some sellers naming up to 65c lb spot. However, several good-sized shipments are afloat and expected to reach this market in the near future and ease the present shortage.

**Oil Bergamot**—Position continues somewhat softer, although standard goods are no cheaper than the lower figures quoted last week. The range is from \$5.50 to \$6.00 lb as to seller and brand. Demand remains very quiet.

**Oil Cassia**—Although a trifle easier for shipment, the spot position is very firm. U. S. P. oil holds stiffly at \$2.90 lb. Technical oil is quoted at \$2.40@\$2.50 lb spot.

**Oil Citronella**—The underlying softness of the citronella position remains unchanged owing chiefly to the lack of demand. Spot stocks are ample, but not as large as formerly. Prices are unchanged at 48c@50c lb for spot drums of Ceylon. For Java oil, 85c@\$1.00 lb as to seller is quoted.

**Oil Cloves**—The schedule of distillers has been dropped five cents to \$1.85 lb in some cases owing to limited demand for clove oil. Bottles are held at \$1.95@\$2.00 lb.

**Oil Erigeron**—As was predicted two months ago by factors in the trade here, erigeron shot up sharply this week. Inside is now \$5.50 lb with some holders asking \$6.00. The growing of peppermint has practically eliminated all interests in this product in the Middle-West.

**Oil Eucalyptus**—Although this is the beginning of the big consuming season, eucalyptus is slightly cheaper here on lower cost imports. Cases, which make up most of the business and imports at present, are selling at 55c lb spot, which is the same as the drum price.

**Oil Lemon**—Lemon stands out as the strong item among the Messina essences. Shipment prices are higher and spot holders have moved to \$2.00 lb inside this week. Some houses are lowest at \$2.10 and \$2.25 lb. Demand is quiet.

**Oil Nutmeg**—Spot prices have shot up sharply to \$1.80@\$1.85 lb here. Mace oil is quoted at the same price.

**Oil Orange**—Weak on spot, but unchanged in price owing to lack of business. Italian, standard brands, at \$2.75 up to \$3.00 lb spot as to seller. West Indian unchanged at \$2.55@\$2.65 lb.

**Oil Pennyroyal**—This item has also been neglected to a great extent this year and stocks are small. American oil has moved up to \$2.50@\$2.75 lb on spot. Imported is also higher at \$2.25@\$2.50 lb.

**Oil Peppermint**—The strong position of peppermint dominates the entire essential oil market. The Middle-West producers appear to be maintaining the market at their own levels. It is reported this week that one or two large users, who have held off buying waiting for a reaction, have covered for part of their needs at the high prices as they fear the strong position of country holders may mean higher figures later on. Reports on production which come in from time to time, still disagree sharply. Some state that the crop was only half of normal requirements. Others say that the crop damage was greatly overestimated and that the production was normal, and that the apparent dearth of oil is due solely to country factors holding their goods for a twenty-dollar market. Be that as it may, the situation in the Middle-West is backed by strong hands well supplied with money, and appears capable of supporting the market for some time if need be. On spot, higher prices have been announced again. Natural oil is inside at \$16.50 ranging to \$17.00; U. S. P. is best at \$18.00 up to \$18.50 lb.

**Oil Savin**—Spot offers of savin are heard at slightly lower prices, the market now being \$2.00@\$2.15 lb.

**Oil Spearmint**—On spot, inside is now \$12.00 lb with some holders asking \$12.50. A sharp rise in the country during the week met no resistance as stocks are extremely light in all quarters.

**Oil Tansy**—This is another oil which can lay its rapid advance at the door of peppermint. Neglect of tansy has brought a sharp reduction in output and stocks. Holders name \$5.50 as best on spot. Some houses holding at \$7.00 lb and refusing to shade.

**Oil Wormseed**—Slightly cheaper wormseed is available here as new crop goods are offered. The price is now down to \$4.50 with some houses adhering to the former \$4.75 level.

**Oil Wormwood**—Still another group of domestic oils which has been overshadowed by the high price and lucrative profits of peppermint to producers. Like tansy and erigeron, the price has shot up this week and is now \$5.50 lb as best on spot, ranging to \$7.00 as to seller.

#### Aromatic Chemicals

**Benzaldehyde**—Manufacturers are selling at \$1.15@ \$1.25 lb for U. S. P. with f. f. c. at \$1.30@ \$1.40. This is under the formerly noted schedule which has been subject to shading for some time in competition with imported goods. Imported U. S. P. at \$1.10 to \$1.20 lb spot as to seller.

**Menthol**—Competition has brought still lower prices for spot menthol. Sales of cases are reported to have been made this week at \$9.75 lb although \$10.00 has been usually quoted. Less cases are \$10.00@ \$10.25 lb.

**Oleoresin Vanilla**—Owing to the cheaper vanilla position, oleoresin vanilla prices have dropped in most quarters. The range is now \$12.50 lb up to \$16.50 as to seller, quantity, and quality.

#### ITALIAN CITRUS CROPS SHORT

Spot prices on lemon oil have been abnormally high for several months, but most consumers and dealers on this side have been anticipating an easier market with the approach of the new crop, pressing of which begins in December. Detailed reports received by Ungerer & Co. from their Italian house, S. & G. De Pasquale, Messina, indicate that the expectations of an easier market are not likely to be realized. It is stated as a certainty that the 1925-1926 lemon oil production will be only 60% of last year's exceptional yield and 20% less than an average crop. Active demand has nearly cleaned up stocks of old crop oil and the carry-over is estimated at not more than 75,000 pounds. Costs of production are high, also, but the most dangerous factor is the local speculation.

The orange oil crop likewise will be smaller, say Ungerer & Co., perhaps one-third less than last year's, but the situation is less acute and less advance is looked for. Bergamot has already risen to unreasonable heights and an easier tendency is expected in the future. The production will be less than normal by about one quarter but the carry-over is quite substantial and consumption has been severely restricted by the speculation.

Directors of Colgate & Co., Jersey City, have elected Gilbert Colgate, chairman of the Board. Sidney M. Colgate who has been with the company for thirty-nine years, was elected president, succeeding his brother, Gilbert Colgate. Colonel Austen Colgate was elected first vice-president. Gilbert Colgate has been with the company 42 years.

While this year's production of jasmin and lavender flowers has been large, due to the cool temperature and frequent showers, these same conditions make toward a low yield of oil in the opinion of J. Henry Moutet, Grasse, who believes that the total yield of oil will be below normal.

### The Editor's Correspondence

#### Opposes Standards for Oils

Editor, DRUG & CHEMICAL MARKETS:

In an editorial in your issue of Sept. 30, under the heading of "Fixing Essential Oil Standards," I note that you have brought up the old, old argument that essential oils are susceptible to standardization and that some mystic advantage is to be gained by the consumer who buys according to certain set specifications.

This absolutely is not the case as has been proven many times. I take it you will agree with me that the only purpose of such specifications is to insure that the buyer will receive only oil of good quality. Unfortunately, no possible set of specifications will insure this and it has already been demonstrated many times that dependence on such standards of physical and chemical characteristics frequently blinds the purchaser to serious shortcomings in oils that meet his standards of characteristics.

Essential oils vary according to the locality in which they are produced, the climatic conditions during the growing season and the age of the oil. These variations in their physical and chemical constants are considerable. Nevertheless, there are certain limits within which a normal oil should come. The establishment of these limits as standards might be of some use, but they are well known already. Moreover if the limits so established are too rigid they will exclude many lots of genuine oil of excellent quality or compel its adulteration to fit the arbitrary standard.

The chief point is that once the standards are established they are of no real use to the purchasers since adulterated oil of poor quality can meet them as easily as can pure oils. In the last analysis, essential oils can be judged intelligently only by their odor and by the results they produce. Any attempt to arrive at the same result by the short-cut of a set of simplified standards is doomed to failure and makes its chief appeal to those who understand chemistry, but do not understand essential oils or their use.

After all, the best answer to your plausible exposition is that the essential oil houses themselves, who scrutinize their purchases far more exhaustively than do their customers, have never been able to adopt any analytical standards which can accomplish more than to supplement the decision reached on the basis of the more delicate olfactory tests and no essential oil house would dream of accepting oil geranium or oil lavender merely because its analysis was correct.

It is easy to see the appeal of your idea to the purchasing agent who dreams of the day when he can send out a request for quotations on a quantity of oil geranium, for example, guaranteed to meet certain limits, and choose the lowest price which comes back in confidence that he has done his best for his company.

The man who expects to get first grade essential oils cannot depend upon arbitrary and useless standards. He must know a good essential oil or depend upon some one who does and he will do well to disabuse himself of any idea that an essential oil is necessarily cheap because it is low in price even if it does meet "specifications."

New York, Oct. 13, 1925

W. G. UNGERER

Exports of musk from China in 1923 reached 28,081 piculs, compared with 26,223 piculs during the previous year. The musk deer are reported scarcer each year and are in danger of extinction, unless some measures are taken to protect them.



# Prices Current of Fine and Heavy Chemicals, Drugs, Essential Oils, Dyestuffs and Oils

**CLASSIFICATION**—Prices quoted herein are listed in the following groups: Chemicals, including heavy, technical and industrial chemicals; fine, medicinal, and photographic chemicals; coal-tar crudes and intermediates; tanning and dye extracts; dye and tan woods; naval stores; fillers and pigments; dextrins, sizes and starches; fertilizer materials, accelerators and solvents, and miscellaneous products; Crude Drugs, including barks, herbs, roots, etc. Essential oils, including oleoresins, synthetic aromatic chemicals and isolates. Fatty Oils, including animal, vegetable, and fish oils, tallow, greases, and fats. All groups are in alphabetical order.

**Packages**—Prices are for large quantities in original packages of the customary trading units of weight or measure. A container given in connection with a price does not necessarily mean that this is the quantity on which the price is based. Containers named are the original packages most commonly sold in this market.

**QUOTATIONS**—Chemical prices quoted herein are those of American manufacturers unless otherwise specified. Quotations on imported chemicals are so designated. Where resale or "second hand" stocks of any chemical products are sufficient to be considered a factor in determining the market, prices for goods in this class will be quoted in addition to makers' prices available.

and indicated as such. Chemical prices quoted herein are for goods spot New York or Metropolitan District, f. o. b. or ex-store, for immediate shipment, unless otherwise specified. Numerous domestic made heavy or industrial chemical products are sold principally on a basis of f. o. b. works, and are thus quoted in the list herein, each instance of a "works" price, however, being specified as such.

Fatty Oils prices quoted herein are for goods spot New York unless otherwise noted; f. o. b. mills and Coast prices being designated as such. Crude Drugs and Essential Oils are quoted f. o. b. New York (Manhattan with limitations) for immediate shipment. Tanning and Dye Extracts are quoted spot New York unless otherwise noted.

**WEIGHTS AND MEASURES**—All quotations are made on a basis of avoirdupois pounds and ounces, and American gallons. The following equivalents are given for the reference of exporters, importers, and foreign buyers:

1 Imperial Gallon (British)	—1.20 American Gallons
1 American Gallon	— .833 Imperial Gallon
1 American Gallon	—3.79 Liters
1 Liter	— .264 American Gallon
1 American Gallon (Water)	—8.35 Pounds
1 Pound (Avoirdupois)	— .454 Kilogram
1 Kilogram	—2.20 Pounds

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## Chemicals

Acetaldehyde Drs. or Cyl. e/l wks D	...	.36
Acetaldehyde Drs. or Cyl. l/l wks D	.30	.35
ACETANILID, tech 150 lb bbls D	.25	.26
100 lb kgs	.37	.30
USP, 300 lb bbls	.35	.37
Second Hands	.35	.36
Acetic Anhydride		
85%, 107 lb chys	.33	.38
92-95%, 100 lb chys	.37	.42
CP, 100 lb chys	.75	.80
Tank cars, wks	...	.12
Acetic Ether, see Ethyl Acetate		
Acetone, 50 gal drums	...	.35
Acetone, CP 700 lb drs e/l wks D	...	.12
700 lb drs l/l wks	.13	.13½
850 lb drs l/l wks	...	.14
Acetone Oils, light, drs wks	1.40	1.45
Heavy, drs, wks	1.40	1.45
Acetophenetidin, 225 lb bbls	1.85	1.90
Acetyl Chloride, 100 lb chys	.33	.35
Acetylene Tetra Bromide	...	1.50
Acetylenetetrachloride Drums wks D	.10½	.11
ACID, 1, 2, 4, 250 lb bbls	...	1.80
Acetic, 25%, 400 lb bbls, e/l		
100 lb	...	3.00
25%, l/l wks	...	3.35
55%, e/l wks	...	5.60
55%, l/l wks	...	5.55
70%, bbls, e/l wks	...	6.99
70%, l/l wks	...	7.14
80% coml. bbls, e/l wks	...	7.75
80% coml. bbls, l/l wks	...	8.08
80% pure bbls, e/l wks	...	8.72
80% pure l/l wks	...	9.57
Glacial, bbls, e/l wks	...	10.87
Glacial, l/l wks	...	10.82
Glacial, USP chys, wks	...	11.82
Acetylmalic, 225 lb bbls	.72½	.75
Second hands	.70	.73
Anthranilic, tech, drs	...	.80
99-100%, 100 lb drs	.98	1.00
Benzole, tech, 100 lb bbls	...	.57
Tech. ton lots bbls	...	.57
USP, 100 lb bbls	.60	.61
Boric, crys. powd 250 lb bbls	...	.00½
Kgs, 100 lb	.10	.10½

ACID		
Butyric, 60% pure, 5 lb bot.	.55	.60
90%	.70	.75
C.P. 10 lb bot.	1.25	1.50
Camphoric USP, VIII 1 lb bot	4.85	5.00
Carbolic, USP crys. see also Phenol		
112 lb tins	.24	.25
25 lb tins	.26	.27
5 lb tins or bot.	.28	.30
1 lb bot.	.33	.34
Liquid USP, 1 lb bot.	.32	.33
Crude, 85% 50 gal bbls gal	.31	.33
10% 50 gal bbls gal	.25	.28
Carbonic, see Carbon Dioxide		
Chloroacetic		
Monoc 100 lb bbls wks	...	.35
Di, 150 lb chys wks	...	1.00
Tri, 5 lb bot.	...	2.50
Chlorosulfonic, 1500 lb drs		
wks	.15	.16
Chromic, USP, 200 lb drums	...	.37
85% Pure, 200 lb drums	...	.35
Chromotropic, 300 lb bbls	...	1.35
Chrysophanic, see Chrysarobin		
Cinnamic, 5 lb cans	3.35	3.50
CITRIC, USP, crys. 330 lb bbls D	...	.45½
Powd., USP, 200 lb bbls D	...	.46½
Imported crys, 112 lb kgs D	.45	.45½
Single kgs	...	.47
Clevo's, 250 lb bbls	.95	.97
Cresylic, 95% dark drs NY gal	.52	.58
97-99% pale, NY gal	.50	.56
Crude, spot, drums	...	
Diethylbarbituric, Dom. 25 lb lots		
1 lb bot.	8.00	9.00
Imp., 10 lb lots	4.00	4.15
Formic, 85%, tech, 140 lb chys D	.10	.10½
90%-80% chys incl	.10½	.11
Gallie, USP, 150 lb bbls	...	.65
Gamma, 225 lb bbls wks	1.30	1.36
Glycerophosphoric, 25% 1 lb bot.	1.85	1.95
H 225 lb bbls wks	.68	.72
Hydrolic, 10% USP 5 lb bot	.65	.70

ACID (Cont.)		
Hydrochloric, 45% coml. 155 lb		
chys. wks	.45	.48
48% coml., 10 chys. wks	...	.45
40% USP, 155 lb chys. wks	...	.55
10% USP, 100 lb chys. wks	...	.13
Hydrochloric, see also Acid Muratic		
CP, USP, 110 lb chys	.97	.97
Hydrocyanic, wks, crys.	.90	1.00
HYDROFLUORIC, 30% 400 lb bbls		
wks	...	.90
30% 100 lb chys. wks	...	.98
48% single 100 lb chys. wks	...	.10
52% 100 lb chys. wks	...	.12
52% 10 chys. wks	...	.11
60% 100 lb chys. wks	...	.14
60% 800 lb dr. wks	...	.13
White Acid, 100 lb chys. wks	...	.36
White Acid, 10 chys. wks	...	.36
Hydrofluosulfic, 35% 450 lb bbls		
wks	.10	.13
Hypophosphorous, USP 30% 5		
gal. dems	...	.35
USP, 10% 5 gal. dems	...	.36
LACTIC, 22% dark 500 lb bbls D	.95½	.96
22% light, bbls	.96½	.97
44% dark, bbls	.11	.13
44% light, bbls	.13	.13½
66% dark, bbls	.18	.18½
66% light, bbls	.26	.27
USP, IX 100 lb chys	...	.70
USP, VIII 100 lb chys	...	.59
Laurent's, 250 lb bbls	.90	.95
Metanilic, 250 lb bbls	.60	.65
Mixed, Sulfuric-nitric		
Drums, wks	.97½	.98
Drums wks	.01	.01½
Tank cars, wks	.08	.08½
Tank cars, wks	.008	.01
Molybdc, 85% pure 100 lb kgs D	1.25	1.30
100% C P 100 lb kgs	.70	1.35
Monosulfonic F, Della, 50 lb tins D	1.75	1.80

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LONDON, ENGLAND

## Chemicals

## ACID

<b>MURIATIC, 30° ctya. lc/l</b>		
vis. ....100 lb	1.60	1.70
Ctya. c/l vis. ....100 lb	...	1.35
Tank cars, vis. ....100 lb	...	1.90
18° 120 lb ctya. ....	...	1.25
c/l vis. ....100 lb	...	1.25
Tank cars, vis. ....net ton	...	...
22° 120 lb ctya. ....	...	1.75
c/l vis. ....100 lb	...	1.75
Muriatic, CP & USP, see Acid Hydrochloric		
Naphthionic, tech 250 lb bbls	.55	.69
Neville & Winther's, 250 lb bbls	.95	.99
<b>NITRIC, 36°, 135 lb</b>		
Ctya. lc/l vis. ....100 lb	4.75	5.00
Ctya. c/l vis. ....100 lb	4.50	4.75
38° lc/l ctya. vis. ....100 lb	5.35	5.75
Ctya., c/l vis. ....100 lb	5.00	5.25
40° lc/l ctya. vis. ....100 lb	5.75	6.00
Ctya., c/l vis. ....100 lb	5.50	5.75
42° lc/l ctya. vis. ....100 lb	6.25	6.75
Ctya., c/l vis. ....100 lb	6.00	6.25
C. P. ctya. single vis. ....100 lb	.12	.13
Oxalic, 300 lb bbls, vis. ....	.10%	.11
Bbia., NY ....	.10%	.11
Keps, 100 lb NY ....	.11%	.11%
Imp, 500 lb casks ....	.11	.11%
Phenylselenonitric, domestic	9.20	9.60
Imported, 5 lb ....	6.00	6.25
Second hands ....	...	5.50
Phosphoric, 50% tech. 100 lb ctya	.07	.07%
Syrupy USP, 70 lb drums	.15	.16
Densils ....	.16	.17
Imported ....	.15	.16
Second Hands ....	.15	.16
Phthalic, see Phthalic Anhydride		
Picramic, 300 lb bbls ....	...	.50

## ACID

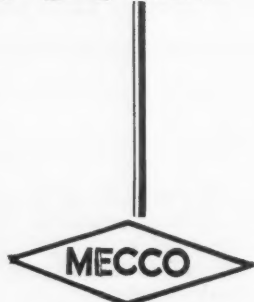
<b>Floric, 450 lb bbls</b>	.25	.27
cyropallic, ctya. 5 lb cans	1.25	1.30
Regublimed, 5 lb cans	1.50	1.60
Tech. powd., 200 lb bbls	...	.85
Salicylic, tech., 125 lb bbls	.33	.34
USP, 100 lb bbls	.34	.35
Second Hands ....	.33	.34
Sulfamic, 250 lb bbls	.15	.18
<b>SULFURIC, 66° 180 lb ctya.</b>		
lc/l vis. ....100 lb	1.50	1.85
Ctya., c/l vis. ....100 lb	...	1.25
1500 lb Drums lc/l	...	1.10
vis. ....100 lb	...	.80
Drums, c/l vis. ....100 lb	...	.80
Tank cars, vis. ....net ton	...	14.00
60° 1500 lb Drums	...	...
lc/l vis. ....100 lb	...	1.00
Drums, c/l vis. ....100 lb	...	.80
Tank cars, vis. ....net ton	9.50	10.00
C.P. 175 lb ctya. ....	.07	.08
Oleum 20 p.a. 1500 lb drums	...	1.40
lc/l vis. ....100 lb	...	1.15
Drums, c/l vis. ....100 lb	...	17.00
Tank cars, vis. ....net ton	...	18.00
Oleum, 40% drs lc/l vis. net ton	...	40.00
Oleum, 60% drs, lc/l vis. net	60.00	70.00
Sulfurous, USP 6% 100 lb ctya. lb	.95	.98
4% 100 lb ctya. ....	.04	.05
USP, 5 gal densils ....	.06	.08
Tannic, tech. 300 lb bbls	.30	.40
USP, powd. 200 lb bbls	.75	.80
USP, duffy. 50 lb bbls	.75	.80
Tartaric, USP, cryst. 300 lb bbls	...	.29
USP, powd. 300 lb bbls	...	.29
Imp. USP, 240 lb bbls	.27%	.28
Powd., 340 lb bbls	.28	.28%
Tobias, 250 lb bbls	...	.85
Tungstic, 100 lb kegs	...	1.00

## ACID

<b>Valeric C.P. 10 lb bot</b>	2.50	2.75
Aconitine Alk. cryst. 1 oz vis. ....	...	30.00
Amorphous, 1 oz vis. ....	...	20.00
<b>Adeps Lanas, hydrous 350 lb bbls</b>	.13	.21
Anhydrous, 350 lb bbls	.18	.23
Albumen, Egg, edible ....	1.20	1.25
Tech. 100 lb drs	.95	1.15
Blood 225 lb bbl	.55	.60
Vegetable edible ....	.60	.65
Technical ....	.45	.50
<b>ALCOHOL, amyl See Fusel Oil</b>		
Benzyl, 5 lb bot	1.45	1.55
Butyl 50 gal drs vis c/l	.232	.242
Drums, lc/l vis	.237	.247
Tank cars vis	.227	.237
Ethyl, USP, 190 pf 50 gal bbls	4.94	5.04
Second hands ....	...	...
Export ....	.64	.69
Anhydrous, drums c/l	...	.66
Cologne Spirit, 50 gal bbls gal	5.04	5.14
Denatured		
No. 1 complete denat. 190 pf		
50 gal bbl incl. ....	.61%	.65%
Carlots ....	.59%	.63%
50 gal drums extra ....	.54%	.58%
Tank Cars ....	.52%	.56%
No. 1, Special denat. 190 pf		
50 gal bbl incl. ....	.60%	.64%
Carlots ....	.58%	.62%
50 gal drum extra ....	.53%	.57%
Tank cars ....	.51%	.55%
No. 5, Complete denat. 188 pf		
50 gal bbl incl. ....	.60%	.64%
Carlots ....	.58%	.62%
50 gal drums extra ....	.53%	.57%
Tank cars ....	.51%	.55%
No. 6, Complete denat. 199 pf		
50 gal bbl incl. ....	.59%	.63%
Carlots ....	.57%	.61%
50 gal drums extra ....	.52%	.56%
Tank cars ....	.50%	.54%

# ACETATES

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# Chemicals

## ALCOHOL (cont'd)

In addition to the regular authorized formulae for completely denatured alcohol, some 75 formulae for specially denatured alcohol are authorized for special uses. Owing to the limitations of their uses however, prices are quoted by the alcohol producers only to holders of permits allowing the use of specially denatured formulae in products authorized by the Dept. of Internal Revenue.

Diacetone, 50gal drs. fight allowed	2.15	2.30
Isobutyl, crude, 50gal drs. gal	...	...
Refined, 100b cans	...	...
Isopropyl, refined, 90-91%, 50 gal drs	1.00	1.25
Ref'd 98-99% drs	1.25	1.50
Phenylethyl, 1lb bot., dom	8.00	10.00
Imported	7.00	7.75
Propyl, nml., 50 gal drs	...	1.00
Ref'd 100b cans	...	.75
Aldehyde Ammonia 100 gal drums	.90	.93
Alon, USP, 100b cans	.85	.88
Alpha-Naphthol crude 300b bbls.	...	.65
Refined	.85	.90
Alpha-Naphthylamine, 350b bbls.	.35	.37
Ten lots, bbls. wks.	...	.35
ALUM, Ammonia, lump 400b bbls.	...	...
wks., lc/l	3.15	3.50
Imp., 500b cases	...	...
Ground, 400b bbls wks 100b	3.25	3.65
Powd. 380b bbls. wks.100b	3.55	3.90
Chrome, 500b cks., wks.100b	5.25	5.50
Potash, lump 400b bbls.	...	...
wks.	3.50	3.75
Bbls, c/l wks	3.35	3.40
Imported lump	2.75	2.85
Ground, 400b bbls. wks.100b	3.50	3.85

## ALUMS, Potash (Cont.)

Imp, 350 cases	100b	2.85	3.05
Powd., 380b bbls. wks.	100b	4.00	4.50
Chrome, 500b cks. wks.	100b	5.25	5.50
Soda grd. 400b bbls. wks.	100b	...	3.75
Bbls. c/l wks.	100b	...	3.50
Aluminum, metal, c/l NY.	100b	27.00	28.00
Chloride, anhyd. 275b drs.	...	.20	.22
Crystals, 375b bbls.	...	...	.06%
30% sol. 120b cks.	...	.03%	.04
Hydrate 96% light 90b bbls.	...	.17	.18
Heavy 62-64%, 220b bbls.	...	.06	.06%
400b bbls. wks.	...	.06%	.07
Stearate, 100b bbls.	...	.22	.23
SULFATE, Iron-free bags c/l	...	...	...
wks.	100b	3.00	3.10
Bbls, c/l wks.	100b	2.15	2.25
Imported, spot	100b	1.70	1.75
Comm'l. 1/2% iron bps c/l	...	...	...
wks.	East 100b	...	1.40
Cont. bps c/l wks. E.	100b	1.35	1.40
Bags, c/l wks. W.	100b	...	1.40
Bbls, c/l wks. East.	100b	...	1.55
Bulk, c/l cool. wks. E.	100b	...	1.50
Amidol (see Diaminophenol)	...	...	...
Amidopyrine, Imp., 10b boxes	...	...	...
Domestic, 10b boxes	...	4.60	5.00
Ammonobenzene, 110b kgs.	...	...	1.15
AMMONIA, anhyd 100b cyl.	...	...	.16%
Water, 26° 800b drs. wks.	...	...	.06%
Dra. c/l wks.	...	...	.06%
C.F., clys.	...	...	.12
Imp., 800b drs. incl. spot.	...	...	.06%
26° 100b clys. lc/l wks.	...	...	.08%
Clys., c/l wks.	...	...	.08%
20° 800b drs. c/l wks.	...	...	.04%
Clys. lc/l wks.	...	...	.05%
18° 800b drs. c/l wks.	...	...	.04%
Clys. lc/l wks.	...	...	.04%

## AMMONIA (Cont.)

16° 800b drs/l c/l wks.	...	...	.05%
Clys. lc/l wks.	...	...	.04
Ammonium Acetate, 100b kgs.	...	...	.43
Benzonate, USP, 1lb bot.	...	...	1.27
Bifluoride, 300b bbls.	...	...	.21
100b kgs.	...	...	.23
Bromide, 450b bbls. 50b bbls.	...	...	.51
Imported, 112b boxes	...	...	.55
Carb. tech. 560b cases	...	...	.08%
Powd. tech. 550b cks.	...	...	.07%
USP, lump, 100b kgs.	...	...	.13%
Powd. 100b kgs.	...	...	.14%
Second hands	...	...	.11
Chloride, Domestic	...	...	...
White, 250b bbls. c/l	...	...	.07
250b bbls. lc/l wks.	...	...	.07%
Imported white 600b cks.	...	...	.05%
Gray, 250b bbls. wks.	...	...	.07%
Bbls. c/l wks.	...	...	.07%
Imported gray 250b cases	...	...	.06%
Lump, 500b cases spot	...	...	.12
Ichtholate, as to brand	...	...	4.85
Iodide, USP, 25b jars.	...	...	5.20
Lactate, 500b bbls.	...	...	.15
Nitrate, tech., clys., 225b bbls.	...	...	.21
CP gran. 100b kgs.	...	...	.35
Oxalate, pure, 100b kgs.	...	...	.35
Persulfate, 112b kgs.	...	...	.21
Phosphate, dibasic 200b bbls.	...	...	.38
Tech. powd. 325b bbls.	...	...	.18
Mono, 325b bbls.	...	...	.12
Tri basic 325b bbls.	...	...	.04
Salicylate USP, 100b kgs.	...	...	.75
Sulfate bulk c-l	...	...	2.95
Southern points	...	...	3.00
200b double bags f.a.s. 100b	...	...	2.85
Sulfocyanide, tech., 100b kgs.	...	...	.40
CP, 25b jars	...	...	.50
Amly Acetate, tech., 50 gal drs gal	...	...	2.45
Refined, 50 gal drums	...	...	3.50
Alcohol, see Fuel oil	...	...	...

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GRASSELLI GRADE  
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## Chemicals

Amyl Butyrate absolute cans	1.20	: 1.30
ANILINE OIL, 900 lb drums	.16	: .17
Hydro Bromide	..	: .75
Aniline Salt, 200 lb bbls	.23	: .24
Annatto, fine	.41	: .42
Anthracene 80-85% 600 lb casks	..	: .65
wks	.60	: .65
Anthraquinone, subl 125 lb bbls	.95	: 1.00
Antimony metal, slabs tons lots	.17	: .17½
Needle Powd, 100 lb cases	.18	: .18½
Bromate	..	: 1.50
ANTIMONY CHLORIDE, anhyd 1000 lb	..	: .16
dus	.16	: .17
50 lb crocks	.45	: .48
Sol'n, 130 lb carboys 33°	..	: .06
Oxide, 500 lb bbls	.18	: .19
Salt, dom 500 lb bbls	.26	: .27
Imp. NY	..	: .18
Sulfuret golden 500 lb bbls	.18	: .19
330 lb kegs	..	: .20
Crimson 500 lb bbls	.39	: .40
336 lb kegs	..	: .42
Vermilion, 500 lb bbls	.48	: .53
336 lb kegs	.50	: .52
Tartroacetate, 500 lb bbls	..	: .45
Trihydrate	..	: 1.05
Antipyrine, USP, 100 lb cases	1.75	: 1.90
Second hands	1.70	: 1.75
Apomorphine Hychlide, ¼ oz. vials	..	: 22.10
Archil, double 600 lb bbls	.18	: .14
Triple, 600 lb bbls	.16	: .17
Cone, 600 lb bbls	.18	: .20
Arecoline Hybrumide, 1 oz. vial	8.75	: 10.35
Argols, red powd., 350 lb bbls	.06½	: .07
Arsenic, metal 220 lb kegs	.45	: .50
Red, 224 lb kegs cases	.12	: .12½
White 210 lb cases to 550 lb	..	: .03½
bbls NY	..	: .04
Asbestine, c/1	16.00	: 18.00
1e/1	20.00	: 22.00
Aspirin, see Acid acetylsalicylic	..	: .650
Atropine Alk. USP 1 oz vial	6.50	: 7.50
Sulfate, 5 oz cans	..	: 3.50
Single ounce	..	: 8.65
Second hands	..	: 3.00

BARIUM DIOXIDE, see Barium dioxide		
Bromide	..	: .44
Bromate	..	: .70
Carbonate, precip., 300 lb bbls	..	: 52.00
wks	52.00	: 54.00
Precip., 200 lb bbls, wks, ton	50.00	: 52.00
Imports bags NY	44.00	: 46.00
Chlorate, 112 lb kegs NY	.12	: .12½
Chloride, 800 lb bbls wks	61.00	: 63.00
200 lb bbls, wks	60.00	: 62.00
Imports, large crystals, bbls	..	: 58.00
spot	58.00	: 60.00
Dioxide, 88% 690 lb drs	.13	: .13½
Import, 86-88% 400 lb drs	.13	: .13½
Hydrate, 500 lb bbls	..	: .04½
Iodide, 5 lb box	..	: 5.15
Nitrate, 700 lb casks	..	: .10
Imports casks	..	: .08½
Sulfocyanide, 600 lb bbls	.30	: .31
Barytes, floated 350 lb bbls wks	23.00	: 24.00
Imported	28.00	: 35.00
Crude, c.l.f.	..	: 9.00
Bay Rum, Porto Rico, genuine	..	: .85
Medicated salicyl. acid or tartar	..	: .85
45 gal bbls	..	: .85
Medicated quinine sulf. 45 gal	..	: .85
bbls	..	: .85
Domestic synthetic, 50 gal	..	: .75
Bbls	..	: .80
St. Thomas	..	: .90
Medicated salicyl. acid or tartar	..	: .90
emetic, 50 gal bbls	..	: .95
Benzaldehyde, tech. 945 lb drs	..	: .70
wks	..	: .75
USP, 40 lb cbs	1.15	: 1.30
FFC, 40 lb cbs	1.40	: 1.50
BENZENE, 90% 8000 gal. tanks	..	: .23
wks	..	: .29
110 gal drs wks	..	: .24
Pure Tanks, wks	..	: .29
110 gal drs wks	..	: .75
Benzidine Base, dry 250 lb bbls	..	: .75
Benzidine Sulfate, paste 350 lb	..	: .70
bbls	..	: .73

Benzol, see Benzene		
Benzonaphthol, 5 lb boxes	3.50	: 3.60
Benzoyl Chloride, 500 lb drs	..	: 1.00
Benzyl Acetate 100 lb cbs	1.55	: 1.75
Benzoate, 5 lb bot.	1.60	: 1.75
Medicinal FFC	1.75	: 2.00
Chloride, 95% tech. 925 lb drs	..	: .25
100 lb cbs	.25	: .30
Redistil. 160 lb cbs	.30	: .35
Formate, 1 lb bot.	3.25	: 3.50
Berberine Hychlide, 1 lb bot.	..	: 22.50
Sulfate, acid or neut. 1 lb bot.	..	: 22.00
BETA-NAPHTHOL, 350 lb bbls wks	.24	: .25
Carlots, wks	..	: .25
Sublimed	.55	: .60
Beta-Naphthylamine, tech. 200 lb	..	: .63
bbls	..	: 1.35
Sublimed, 200 lb bbls	..	: 2.95
Bichloride Mercury, see Mercury Bichloride	..	: 2.95
BISMUTH metal, 100 lb cases	2.90	: 2.95
Second Hands	..	: 5.30
Ammon. Citrate, USP, 5 lb cans	..	: 3.30
Betanaphtholate, 5 lb bxs	..	: 5.75
Citrate, USP, 5 lb cans	..	: 2.00
Nitrate, 25 lb jars	..	: 3.50
Oxychloride, 25 lb bxs	..	: 3.05
Phenolsulfonate, 5 lb cans	..	: 1.95
Salicylate, 25 lb bxs	..	: 3.45
Subcarbonate USP, 25 lb bxs	..	: 3.80
X-Ray diag 1 lb bot	..	: 3.80
Subgallate, USP, 25 lb bxs	..	: 4.55
Sublimate, 5 lb lots	..	: 2.75
Subnitrate, USP, 25 lb jars	..	: 2.60
Second hands	..	: 3.75
Cones, 1 lb bot.	..	: 3.05
Subsalicylate, USP, 25 bxs	..	: 3.05

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## Chemicals

## SISIMUTH (Continued)

above on basis 25 lb lots.	
Smaller lots at an advance.	
Tri-Bromophenol .....	4.00
Blanc Fixe, dry 400 lb bbls. wks. ton	96.90
Imported, bbls. .... ton	70.00
Paste, 650 lb bbls. .... ton	55.00
<b>BLEACHING POWDER, 700 lb drums</b>	
c-1 wks contract, .... 100 lb	2.00
lc-1 wks contract, .... 100 lb	2.15
c-1 spot wks .... 100 lb	2.10
lc-1 spot wks .... 100 lb	2.25
lc-1 spot ex-warehouse, 100 lb	2.35
300 lb drums, c-1 wks, contract 100 lb	2.25
c-1 spot wks .... 100 lb	2.35
lc-1 wks contract, .... 100 lb	2.40
lc-1 spot wks .... 100 lb	2.50
Blood dried f.o.b. NY .....	4.15
Chicago .....	4.50
S Am. shipment .....	4.35
<b>Bleu Ointment, see Mercury</b>	
<b>Blues, bronze Chinese, Millori.</b>	
Prussian, Soluble .....	.33
Blue Vitriol, see Copper Sulfate	
Bone 3 & 50 gr. steam Chgo. .... ton	30.00
Bary, NY .....	34.00
Bone Ash, 100 lb kegs .....	.06
Black, 200 lb bbls .....	.08 1/4
Borax, crys. 400 lb bbls .....	.05 1/4
Powdered, 300 lb bbls .....	.05
Keps, 100-150 lb .....	.05 1/4
Bordeaux Mixture, 16% pd. bbls. lb	.11 1/4
Paste, bbls. ....	.08
<b>Borneol, see Aromatic Chemicals</b>	
<b>crumstone, see Sulfur</b>	
<b>(Freight allowed)</b>	
British Gum com c-1 .... 100 lb	4.27
lc-1 .... 100 lb	4.37
Bromide, see potash, bromide, etc	
Bromine, bot. in 50 lb cs. wks. lb	.45
Bromobenzene, 600 lb drums .....	.80
Bromoform, USP, 5 lb bot. cs. lb	1.65
Brucln Alkaloid, 100 ozs .....	.10
Sulfate, 100 ozs .....	.10
Second hands .....	.08 1/4
Butter of Antimony, see Antimony Chloride	

Butyl Acetate, tank cars, wks. gal	2.00
Drums c/l wks .....	2.04
Butylaldehyde, 50 gal drs .....	.70
Propionate drums .....	.35
Tartrate, drums .....	.57
CADMIUM, metal 100 lb bbs. .... lb	.70
Bromide, 50 lb cases jars wks lb	1.15
Iodide, 10 lb bot. .... lb	4.45
Sulfide, cs. .... lb	1.20
CAFFEINE ALK. USP 5 lb cans lb	3.75
Second hands .....	3.45
Citrate, 25 lb cans .....	2.70
Hydrobromide, 1 lb bot. .... lb	4.65
hydrochloride, 1 lb bot. .... lb	6.05
Sulfate, 1 lb bot. .... lb	5.40
<b>CALCIUM, Acetate, 150 lb bgs c/l</b>	
100 lb .....	2.75
Arsenate, 100 lb bbls c/l wks lb	.07
Bromate .....	1.50
Bromide, 100 lb cs. .... lb	.60
Carbide 220 lb dr. c-1 wks lb	.05 1/4
Carbonate tech. 100 lb bags	
c/l .....	1.00
USP, precip. 175 lb bbls. .... lb	.06 1/4
Chloride, solid, 650 lb drs. c/l	
f.o.b. wks .....	21.00
Imp. ....	19.00
Flake, 875 lb drs. c/l drs. f.o.b.	
wks. ....	27.00
Anhyd, 350 lb drs f.o.b. NY lb	.18
Glycerophosphate, 250 lb bbls. lb	1.40
Hydrate, see Lime	
Hypophosphite, USP, 25 lb cans lb	.60
Iodide, 5 lb bot. .... lb	4.35
Lacate, tech, 500 lb bbls .....	.35
USP. ....	.50
Nitrate, 220 lb bbls. c/l NY ton	50.00
Phosphate tech. 450 lb bbls lb	.09
Phosphate, precip. tribasic, 200 lb	
bbls. wks .....	.11
Phosphate, mono, 325 lb bbls. lb	.07
Sulfocarbonate, 100 lb kegs .....	.55
<b>CAMPOR, Amer. ref. 350 lb</b>	
bbls. ....	.84
2 1/4 lb slabs, 100 lb cs. .... lb	.85 1/4
1 lb cakes, 100 lb cs. .... lb	.85 1/4

## CAMPOR (Cont.)

1 oz. tab. 1 lb etna. ....	.90
100 lb cs. ....	
Jap. ref., 2 1/4 lb slabs, 100 lb	
cs. ....	.74
1 oz. tab., 100 lb cs. ....	.1 lb
cs. ....	.89
1/2 oz. tab., 100 lb cs., 1 lb	
this .....	.91
Crude, 100 lb cs. ....	.54
Campor, liniment, bbls. .... gal	2.30
Campor, A. acobrom, 100 lb cs. lb	1.85
aramcl, 50 gal bbls .....	.85
carbazol, 250 lb bbls .....	.50
Carbon Bisulfide, 500 lb drs lcl/NY lb	.06
c/l drums, NY .....	.05 1/4
Carbon Black, c/l wks. bgs .....	.08
Tetrachloride, 1400 lb drs NY lb	.07
Drums, c/l NY .....	.08 1/4
700 lb drs, single NY .....	.07 1/4
Carmine, No. 40, 5 lb boxes .....	5.00
Casein, edib, 100 lb keg .....	.45
Tech. 200 lb bbls .....	.12
100 mesh .....	.14 1/4
<b>Castoreum, see Aromatic chemi-</b>	
<b>cals, Perfumes, Sundries</b>	
Castor Oil, USP, 50 gal. bbls. lb	.17
Cases, 80 lb 2 tins. .... lb	.18
<b>Tech. see Fixed Oils</b>	
<b>Caustic Potash, see potash, caustic</b>	
<b>Soda, see soda, caustic</b>	
Cellulose Acetate, 100 lb cases. lb	1.75
Cerium Oxalate, USP, 100 lb kegs lb	.33
Chalk, drop 175 lb bbls .....	.03
Precip light 500 lb csks .....	.04 1/4
Precip. heavy 560 lb csks. .... lb	.02 1/4
Bulk .....	5.00
Precip. English, 7 lb bags .....	.08 1/4
Precip. heavy 560 lb csks .....	.03 1/4

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## Chemicals

<b>NARCOSAL (Cont.)</b>								
Wood, powd., 100 lb bbls....	.04	.08	Cinebonidin Sulfate, 1000s tins.oz	..	.35	Celesticine alk, USP, 1 oz. vial..	..	30.07
Willow, powd., 100 lb wks bbls	.08	.08%	Resale, 1000s lots .....	.34	.35	Salicylate, 1 oz. vial.....	..	15.07
Chestnut, clarified, 25% tks, wks	.015%	.01%	Cinchonine alk. powd. 100 oz tins oz	..	.38	Calbodium USP 30 lb drums.....	..	.33
Bbls., wks .....	.02%	.02%	Crystal .....	..	.43	600 lb drums .....	..	.22
Powd., 60% 100 lb bags, wks. D	.08%	.08%	Sulfate 100 oz tins.....	..	.35	Flexible, drums .....	.24	.25
Decolorized bags wks .....	.06%	.07	Citric Acid, see Acid Citric			<b>COPPER metal electrolytic c/l</b>		
China clay, Dom bulk wks .....	6.00	9.00	Citric Ointment, see Mercury			NY .....	14.37%	14.50
Washed & Ground, wks.....	11.00	15.00	Coal Tar, See Tar			Lake c-1 NY .....	14.50	14.82%
Imp., Filler Clay .....	15.00	23.00	Cobalt metal, 100 lb kegs.....	2.50	3.00	Casting, c/l NY .....	..	14.00
Coating .....	20.00	25.00	Cobalt Oxide, 500 lb bbls.....	..	3.10	Carbonate 400 lb bbls.....	.16%	.17%
Chinoidin, 140 lb drs .....	..	.40	10 lb drs, 200 lb cases.....	..	2.30	Chloride, 250 lb bbls.....	..	.28
Chloral Hydrate, USP 100 lb drs..	.60	.65	COCAINE alk., USP, 1 oz. vial..oz	..	10.57	Cyanide, 100 lb drs.....	.48	.50
25 lb jars .....	.68	.70	Hydrochloride, USP—1 oz. vials,			Iodide, 5 lb bot .....	..	5.68
Chloramine-T, 200 lb bbls .....	1.38	1.50	25 oz. ....	..	8.07	oxide, red 1000 lb bbls, ton lots	.16%	.17
Chloroacetic, 5 lb bot .....	.55	.65	In 1/2 oz. vials .....	..	8.50	Sub-Acetate, verd. 440 lb bbls	.20	.21
Chlorhydrin, Ethylene anhyd. 600 lb			In crystals, granular, powder,			SULFATE crys, 450 lb bbls lc/l		
drums .....	.75	.85	or flaky crystals as desired.			spot .....	100 lb	4.65
40% soln. 100 lb cys.....	.25	.30	Cocoa Butter, bulk, 300 lb bales			Carlots bbls spot .....	100 lb	4.45
CHLORINE, Liquid, tank or multi-			c/l .....	.33	.34	Carlots bbls F O BNY190 lb		4.45
unit car wks contract .....	..	.04	Fingers, cakes, etc., 12 lb bxs..	..	.37	Imp. 550 lb cks spot.....	100 lb	..
Tank car spot wks .....	..	.04%	CODEINE, alk., oz. vials 10 oz.			Powdered, 350 lb 5 bbls 100 lb	5.60	5.65
Carlots cyl. wks, contract .....	..	.05%	lots .....	..	9.87	Copperas bulk c-1 wks .....	ton	11.00
spot, wks .....	..	.05%	Hydrobromide, 1 oz. vials, 10 oz.			200 lb bgs c-1 wks .....	ton	11.50
1-cyl. cyl. wks, contract .....	.08	.09	lots .....	..	7.93	400 lb bbls c-1 wks .....	ton	16.00
Spot wks.....	.08%	.09%	Hydrochloride, 1 oz. vials, 10 oz.			Powdered, bbls .....	100 lb	1.90
Chlorobenzene, mono. 100 lb drs.			lots .....	..	7.43	Sugar, 400 lb bbls.....	100 lb	1.25
wks .....	.08	.10	Nitrate, 1 oz. vials, 10 oz. lots			Corn Syrup, 42 deg. 50 gal.		
Dr. c/l wks .....	..	.07%	lots .....	..	8.87	bbls .....	100 lb	..
Tank car lots wks .....	..	.07%	Phosphate, 1 oz. vials, 10 oz.			43 deg. 50 gal bbls .....	100 lb	..
CHLOROFORM, USP, 50 lb drs..	..	.30	lots .....	..	7.43	44 deg 50 gal bbls .....	100 lb	..
Second Hand, 450 lb drs.....	.35	.37	Salicylate, 1 oz. vials, 10 oz.			45 deg 50 gal bbls .....	100 lb	..
Technical. 650 lb drums .....	.22	.25	lots .....	..	7.43	Corn Sugar, see Glucose		
Chlorophyll, Oil Sol. ....	2.50	2.75	Sulfate, 1 oz. vials 10 oz. lots			Cotton Soluble, 100 lb bbls wet	lb	.40
Water Sol .....	3.75	4.00	Small sizes, 1/2 oz. vials, 50c extra,			Cottonseed, Meal, 7% .....	ton	34.00
Chromium Acetate, 20% soln. 400 lb			1/2 oz. 30c extra, 1/4 oz. 15c extra			Coumarin, 25 lb tins 100 lb	3.10	3.25
bbls .....	..	.05%	per oz.—25 oz. lots, 10c oz. cheaper			<b>CREAM TARTAR, USP, 300 lb</b>		
Fluoride, Powd., 400 lb bbls..	.24	.26	than above. Less than 10 oz. 15c oz.			bbls .....	..	.23%
Chrome Greene, CP .....	.28%	.38	higher than above			Imp, powd USP, 224 bbls .....	.20%	.21%
Comm. ....	.08%	.11	COGLIVER OIL, Norwegian., 30 gal			Creosote, USP, 42 lb cys.....	..	.40
Chrome Yellow .....	.18	.20	bbls .....	39.00	42.00	Carbonate, 100 lbs., 50 lbs.,	..	1.70
Chrysarobin Powd. 400 lb bbls ..	..	3.50				Creosote Oil, 50 gal drs .....	.13	.15
Cinebonidin alk., powd 100 oz. tins.oz	..	.60				Creosol, USP, 400 lb drums .....	No Stocks	
Crystal .....	.65	.68				Cudbear, English .....	.10	.20



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## Chemicals

Cutch, Rangoon, 100 lb bales...	.23	
Tablets, 120 lb boxes...	.13	.14
Borneo, solid, 100 lb bales...	.03%	.04%
Liquid, 500 lb bbls...	.08%	.11
Cyanamide, bulk c/l wks, Amm unit	1.90	2.05
Imp Amm...	2.00	2.30
Cyclohexanol, see Hexales		
Cymene, See Para-Cymene		
Dextrin, white corn 140 lb bgs...		
c-l...	3.97	
bags c-l...	4.07	
Canary...	4.02	
bags l-c-l...	4.07	
Potato, white, 220 lb bags ic/1 lb	.08%	
Yellow 220 lb bags...	.08%	
Tapioca, 200 lb bags 1/1...	.07%	.08%
DIAMINOPHENOL, 100 lb kegs...	3.80	
Diamyl Phthalate drms wks...	4.00	4.15
Diamylidene, 100 lb kegs...	3.50	3.60
Dibutyl Phthalate, wks...	.43	.53
Dibutyl Tartrate, 50 gal drums...	.53	.65
Dichlorobenzene, 1900 lb drs...	.08	.07
Dichloromethane, Drums wks...	.25	
Diethylamine, 400 lb drs...	2.25	
Diethylamine, 850 lb drs...	.55	.60
Diethyl Carbonate, drms...	1.85	2.00
Diethyl Phthalate, 25 lb cans...	.35	.40
1000 drs...	.30	.35
Diethyl Sulfate tech. 50 gal. drs...	.20	.25
CP drums...	.40	.50
Digitalin, Pure, 1 oz. vial...	9.75	10.25
high test...	15.00	15.50
Dimethylaniline, 840 lb drs wks...	.32	.34
Dimethylamine, 400 lb drs...	2.80	
Dimethylsulfate, 100 lb drs...	.45	.50
Dimitrobenzene, 400 lb bbls...	.14%	.15%
Dimitrochlorobenzene, 400 lb bbls...	.15	.16
Dimitrochlorobenzene, 300 lb bbls...	.18	.19
Dimitronaphthalene, 350 lb bbls...	.32	.34
Dimitronphenol, 350 lb bbls...	.32	.35
Dimitrotoluenes, 300 lb bbls...	.18	.19
Dionin, see Morphine, Extra		
Disorbutylguanidine, 375 lb...		
bbls, wks...	1.10	1.13
Diphenylamine...	.48	.50
Diphenylguanidine, 5,000 lb...		
100 lb...	.95	.98

Diri Diri Extract...	.04	nom
Pods bags ship...	55.00	
Dover's Powder USP, 5 lb tins...	2.50	
suboxide Sulfate, 1 oz. vial...	20.07	
ARTH. Diatomaceous, see Kieselguhr		
Egg Yolk, 200 lb cs...	.48	.50
Emetine alk., 15 gr. vials...	1.30	
Emetine USP, 1 oz. vial...	17.57	
1 lb g. vials...	.82	
Second hands...	16.50	
EPSON SALT, tech. 300 lb bbls...		
NY...	2.15	
Bbls. c/l NY...	2.40	
100 lb c/l NY...	1.50	1.75
Imp. 220 lb bgs. c/l...		
NY...	1.15	1.20
USP, 300 lb bbls. 10 bbls. 100 lb...	2.50	
Carlots, bbls...	2.00	2.25
Imported, 400 lb bbls...	1.85	1.90
100 lb kegs...	2.00	2.25
Argotin, Boujean, 1 lb jars...	6.00	6.35
Esorine alk., 1 oz. vial...	20.67	
Salicylate, USP, 1 oz. vial...	24.50	
Sulfate, USP, VIII, 1 oz. vial...	18.00	18.50
ETHER, USP, 55 lb drums...	.19	
Anaesthesia, 55 lb drums...	.45	
USP, 1850 55 lb drums...	.37	
Washed, 55 lb drums...	.30	.32
Motor 1 lb bottles...	.90	.95
Ether, Nitrous, 1 lb bot...	1.05	
Ethyl Acetate, 99% 50 gal. drs. gal...	.50	
85% Ester, 100 gal. drs. gal...	.87	
Carlots, drums...	1.72	1.85
Refined, drums...	1.25	
Aceto Acetate drms wks...	1.05	1.10
Benzyl Aniline, 300 lb drs...	1.30	
Bromide, 115 lb drs...	1.10	1.20
Butyrate cans...	.26	.33
Formose, 200 lb drs. 15 lb cpl...	4.00	4.15
Lactate drums wks...	.27%	.28
Methyl Ketone, 50 gal. drs...	.45	.55
Moraine, see Morphine, Ethyl...	.70	
Triethylene Bromide, 600 lb drs...	.75	.85
Chlorhydrin, anhyd. 50 gal. drs...	.35	.30
40% Solution, 50 gal. bbls...	.15	.20
Dichloride, 50 gal drs...	.10	
Tank cars...	.10	

Ethylene Glycol...	.30	.40
Tri Chloride...	.10	.10%
Ethylidenaniline...	.62	.65
Eucalyptol, 25 lb cans...		.90
Feldspar, bulk...	20.00	25.00
FERRIC CHLORIDE, tech. crys...		
475 lb bbls...	.05	.06
Imported...	.04%	.05
C.P. crys. 100 lb kegs...		.10
Imported...	.08	.08%
460, 140 chys...	.08	.08%
USP Sol'n 125 lb chys...	.06%	.07
Bromide, solution...		.55
Ferrous Bromide, sol'n...		.55
Chloride, crys tech 475 lb bbls...	.05	.06
Sulfide, 1000 lb bbls...	2.50	3.00
Fish Scrap, dried wks...	4.50	& .10
Acid, Bulk. 7 & 3 1/2, Deliv.		
Norfolk & Balt basis...	4.00	& .50
Flake-White, see lead white		
Flavine Lemon 55 lb cs...	.90	.95
Orange 70 lb cs...	.85	.90
Fluorspar, 95% 220 lb bags, ex-		
dock...		25.00
96% bgs...		33.50
98% bgs...		35.00
FORMALDEHYDE, USP 400 lb bbls...		
c/l wks...	.08%	.09
Carboys, 100 lb ic/l wks...		.10%
Bbls, 400 lb ic/l wks...	.09	.09%
Formaldehyde Aniline 100 lb drums...	.40	.42%
Flour...	.02%	.04
Formaniline...	.38	.40
Fuller's Earth, 300 lb bgs. c/l...		
mines...	15.00	17.00
Imported, 250 lb bags, NY...	35.00	40.00
Furfural, 300 lb bbls...	.23	.25
Fusel Oil, 10% Impurities, drs gal...	2.20	2.60
Refined...	3.25	3.50
Fustic, solid 50 lb boxes...	.20	.23
Crystals, 100 lb boxes...	.30	.22
Liquid, 510, 600 lb bbls...	.09	.10
Fustic, sticks...	30.00	32.00
Chips...	.04	.05
G. SALT, paste 350 lb bbls. basis...		
10%	.50	.52
Gall extract...	.30	.21

## DIPHENYL-GUANIDINE

Manufacturers who are utilizing the possibilities of reclaimed rubber say that Dovan Diphenyl Guanidine is the best accelerator to use with these stocks. In their experience it has proved more efficient and lesser quantities are necessary.

**Dovan Chemical Corp.**  
30 Church St. - New York



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American Dyestuff Manufacturers

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## Chemicals

Gambier 25% liq. 450 lb bbls. . . . .	.12	.14	HEMATINE, Paste, 500 lb bbls. . . . .	.09	.12	Iodine Tinct USP, 50 gal bbl. gal. . . . .	4.85
Common, 200 lb cases. . . . .	.19%	.20	Crystals, 400 lb bbls. . . . .	.12	.20	Carboys. . . . .	4.90
Singapore cubes, 150 lb bags. . . . .	.33	.33	Hemlock, 25% 600 lb bbls. wks. . . . .	.03%	.03%	Second Hands. . . . .	4.75
Gelatin, USP silver 1 lb 100 lb cas. . . . .	.60	.65	Hemlock, bark. . . . .	.20.00	.20.00	Iodoform, powd., 10 lb bot. . . . .	6.00
Gold Label, 100 cases. . . . .	1.00	1.00	Hexachlorethane Drums wks. . . . .	.45	.45	Crystals, 10 lb bot. . . . .	6.05
Technical, 100 lb cs. . . . .	.45	.50	Hexalene, 50 gal drs., wks. . . . .	4.75	4.75	Iridium, metal 10 oz. lots. . . . .	200.00
Pure Food, 50 lb bbls. . . . .	.85	.80	Hexamethylenetetramine, USP			Iron, metal by hydrogen 1 lb bot. . . . .	.70
Sheets. . . . .	.53	.55	100 lb drums. . . . .	.60	.62	<b>IRON &amp; AMM. CITRATE, USP 50 lb</b>	
<b>GLAUBER'S SALT, tech. 200 lb bags</b>			Imported. . . . .	.63	.63	cans. . . . .	.60
e/l wks. . . . .	1.10	1.30	Rubber Makers, Impalp. Pd. . . . .	.80	.82%	Green scales, 500 lbs. . . . .	.69
350 lb bbls., e/l wks. . . . .	1.35	1.45	Homatropine Hydrobrom. USP 1 ca.			Bromide. . . . .	1.22
Bbls. 1c/l wks. . . . .	1.25	1.35	vials. . . . .	14.50	14.50	Cacodylate, 100 lb bot. . . . .	7.60
Imported, bags, NY. . . . .	.85	.90	Five ozs., 1 oz vials. . . . .	13.50	13.50	Citrate, USP VIII 25 lb cans. . . . .	1.01
USP, 300 lb bbls. Imp. sp. 100 lb		1.35	Hydrastine, Alk. USP, 1 oz vial oz		19.50	Chloride, see Ferric or Ferrous	
USP, 300 lb bbls. dom. sp. 100 lb		1.75	Hydchlide, USP, 1 oz vial. . . . .	19.50	19.50	Hypophosphite, 5 lb cans. . . . .	1.55
USP, 300 lb bbls. e/l wks. 100 lb		1.40	Second Hands. . . . .	16.00	16.00	Syrup USP 5 lb, bot. . . . .	.35
Calcined, see Sodium Sulfate			Sulfate 1 oz vial. . . . .	21.50	21.50	Iodide, 1 lb bot. . . . .	4.23
Glucose, (Grape Sugar) dry, 100			Hydrastine Hydchlide, USP 15 g		14.57	USP USP 5 lb bot. . . . .	.35
70° bags e-l NY. . . . .	3.24	3.54	vials. . . . .	14.57	14.57	Nitrate, kegs. . . . .	.09
Tanners' Special, 100 lb bags 100 lb		3.24	Hydrazobenzene 100 lb kegs. . . . .			Com'l, bbls. . . . .	2.50
GLUE, pure white, bbls. . . . .	.22	.26	HYDROGEN PEROXIDE, 25 vol 400 lb			Oxalate scales, 25 lb cans. . . . .	.88
Medium white, bbls. . . . .	.20	.24	bbls. . . . .	.07	.07%	Oxide, red, Spanish. . . . .	.03%
French, bbls. . . . .	.18	.25	100 vol. 140 lb chys. . . . .	.32	.34	English. . . . .	.10
High Grade, bbls. . . . .	.35	.40	USP Soln. 375 lb bbls. . . . .	.04	.05	Perechloride, see Ferric Chloride	
Bone, regular, bbls. . . . .	.10	.12	100 vol 145 chys. . . . .	.46	.46	& Ammon, Oxalate, 25 lb bxs. . . . .	.37
Flint, bbls. . . . .	1.50	1.75	USP bot. 4 oz cases. . . . .	7.75	8.00	& Potassium Oxalate, 250 lb	
Hide bbls. . . . .	.14	.24	Bot. 8 oz cases. . . . .	11.10	12.00	bbls. . . . .	.40
GLYCERIN, C.P., 550 lb drms. . . . .	.19%	.19%	Bot. 16 oz cases. . . . .	18.25	19.00	& Sodium Oxalate, 24 lb bxs. . . . .	.35
Cans, 50 lb. . . . .	.20	.22	Hydroquinone, 100 lb kegs. . . . .	1.40	1.50	Phosphate, USP, 50 lb. . . . .	.69
Dynamite 100 lb dr. . . . .	.18%	.18%	Hyocine Hydrobrom, USP 1 oz.			Pyrophosphate, USP, 50 lb. . . . .	.74
Saponification tanks. . . . .	.14	.14	vial. . . . .	13.57	13.57	JALAP, RESIN, lump, 5 lb tins. . . . .	4.00
Soap, Lye tanks. . . . .	.12%	.12%	Five ozs., 1 oz vial. . . . .	13.07	13.57	Powd., tins. . . . .	4.85
Gos Powder, see chrysarobin			Hyocyanine Alk Cryst, 1 oz vial. os		25.07	KIESELGUHR, 95 lb bags NY. . . . .	60.00
Graphite, crude, 220 lb bags. . . . .	15.00	15.00	Alkaloid, Amorphous. 1 oz. vial. os		75.07	LANOLIN, see Adeps Lanae	
Flake, 500 lb bbls. . . . .	.05	.09	Hydrobromide, USP, 1 oz. vial. os		35.07	Larch, 25%, 600 lb bbls wks. . . . .	.03%
Ground "mp bbls. . . . .	.04	.04	Sulfate, 1 oz vial. . . . .		25.07	Powd., 100 lb bags, wks. . . . .	.08
Guaicol Liquid USP, 100 lb chys. . . . .	2.00	2.25	Hypernie, 51°, 600 lb bbls. . . . .	.12	.15	LEAD, metal c/l NY. . . . .	.09%
Crystals. . . . .	4.00	4.25	Hypernie, chips. . . . .	.06%	.07	Acetate, white crystals, 500 lb	
Benzonate, 1 lb bot. . . . .		13.00	IODINE, crude, 200 lb kegs. . . . .	4.21	4.23	bbls, wks. . . . .	.14%
Carbonate, 5 lb boxes. . . . .	2.50	2.75	Iodides, see Potass. Iodide, etc.			100 to 250 lb kegs, wks. . . . .	.15%
Second Hands. . . . .	2.15	2.35	Indigo, Macras. bbls. . . . .	1.28	1.30	White, broken, bbls, wks. 100 lb	
HAARLEM OIL, Dom. 6 gr cs gr. . . . .	3.10	3.25	20% paste drums. . . . .	.14	.15	White, gran bbls. wks. 100 lb	15.00
Imported 5 gr cases. . . . .		3.65	IODINE, crude 200 lb kegs. . . . .	4.20	4.25	White, powd. bbls wks 100 lb	15.25
Balsome, 5 lb bot. . . . .	2.75	3.25	Resublimed, 10 lb jars. . . . .	4.95	4.70	Brown, broken bbls wks. . . . .	.13%



## FORMIC ACID

Bleaching Powder  
Glauber Salts  
Sodium Cyanide

Epsom Salts  
Sodium Sulphate, Anhydrous  
Yellow Prussiate of Potash

Cream of Tartar

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## Chemicals

## LEAD ACETATE (Cont.)

USP, 100 lb kegs.....	10	: .19%
Arsenate, 100 lb kegs.....	13	: .14
Bbla. c/l wks.....	12 1/2	: .13
Bbla. 1c/l wks.....	13	: .13 1/2
Paste, 100 & 600 lb bbls.....	.08	: .09
Iodide, USP, VIII 5 lb bot.....	3.20	: 3.40
Nitrate, 500 lb bbla. wks.....	...	: .12
Oxide, Litharge, 500 lb bbla.....	...	: .11 1/2
100 kegs, wks.....	14 1/2	: .15 1/2
Oxide, red, 500 lb bbla, wks.....	...	: .12 1/2
100 lb kegs, wks.....	12 1/2	: .16 1/2
Peroxide, 100 lb dra.....	25	: .30
White, basic carb. 500 lb bbla.....	...	: .10%
100 lb kegs wks.....	14 1/2	: .15 1/2
White sulfate 500 lb bbla. wks.....	...	: .10
Licorice Ext. Mass cases.....	21	: .23
Compound powder, bbla.....	11	: .13
Powdered.....	35	: .35
Sticks, 1 to 100 lb cases.....	30	: .35

## LIME (Salts, see Calcium Salts)

Ground Stone, bags.....	...	: 4.50
Live, Bulk.....	...	: 8.50
Live, 325 lb bbla. ton lots.....	...	: 1.05
Single bbl, wks.....	100	: 1.08
Hydrated, 167 lb bbl. ton lots.....	...	: .85
Single bbl. wks.....	...	: .01
Oyster Shell, 150 lb bbl sing. lb.....	...	: .03 1/2
Sulfur, dry 200 lb dra NY.....	...	: .08 1/2
Dra. c/l NY.....	...	: .08
33° Soln. 50 gal bbla NY gal.....	15	: .16
Linalool, 5 lb bot.....	6.25	: 6.75
Litharge see lead oxide.....	...	: 1.45
Lithium Carb. USP, 100 lb kegs.....	1.50	: 1.50
Bromide, 100 lb kegs.....	1.80	: 1.90
Citrate, USP, 100 lb kegs.....	1.70	: 1.75
Iodide 5 lb bot.....	...	: 5.40
Lithopone, 400 lb bbla, 1c/l wks.....	...	: .06 1/2
Bbla. c/l, wks.....	...	: .05 1/2
Bags, c/l wks.....	...	: .05 1/2

## LITHOPONE (Continued)

Imported, 400 lb Bbla.....	...	: .05%
Litmas Cubes.....	...	: 1.00
Second hands.....	...	: .75
Logwood, 51°, 600 lb bbla.....	...	: .08 1/2
Lower grades.....	...	: .07
Solid, 50 lb boxes.....	12	: .15
LOGWOOD, sticks.....	23.00	: 27.00
Chips, 150 lb bags.....	...	: .03 1/2
Luminal, see Phenylacetylmaleimide.....	...	: .27
Madder, Dutch.....	27	: .35
MAGNESITE calcined, 800 lb bbla.....	14.25	: 17.50
Magnesium, mtl. sticks 100 lb c/s f.e.b.....	...	: .85
Bromate.....	...	: 1.50
Carb tech 70 lb bags NY.....	...	: .06 1/2
75 lb bbla NY.....	...	: .08
USP, 100 lb bbla.....	...	: .09 1/2
USP, blocks 100 lb ca. 1, 2, 4.....	...	: .17
Chloride, fused 575 lb dra. c/l.....	...	: 34.00
Flaked, 35 lb dra. wks c/l ton.....	...	: 36.00
Imp. Flake Shipt.....	30.50	: 31.00
Imp. fused 900 lb bbla NY ton.....	28.00	: 30.00
Fluominate, crystals 400 lb bbla.....	...	: .12
30% soln. 500 lb bbla. wks.....	...	: .07 1/2
Soln. bbla. c/l wks.....	...	: .08
Glycerophosphate, 5 lb tins.....	3.20	: 3.25
Hypophosphite, 5 lb cans.....	...	: 1.05
Oxide, USP light, 100 lb bbla.....	...	: .42
USP, heavy, 250 lb bbla.....	...	: .50
Peroxide, 5 lb cans.....	...	: 2.40
Perborate, 1 lb tins.....	...	: 2.62
Salkylate, 100 lb kegs.....	...	: .75
Sulfate see Epsom Salts.....	...	: .24
Manganese Borate, 30%.....	...	: .25
100 lb kegs.....	...	: .08
Chloride, 600 lb cans.....	...	: 30.00
Dioxide, 80-84% 900 lb bbla.....	...	: 35.00
NY.....	...	: 35.00
85-90% 900 lb bbla. NY ton.....	35.00	: 30.00

## MANGANESE DIOXIDE (Cont.)

Hydrated, precip. 100 lb kegs.....	15	: .23
Glycerophosphate, 5 lb tins.....	2.00	: 3.00
Hypophos USP VIII 5 lb vane.....	1.35	: 1.40
Iodide, 1 lb bot.....	6.40	: 6.65
Ore, bulk, NY.....	.43	: .44
Sulfate, 600 lb cans, NY.....	.07	: .07 1/2
Mangrove, 55% 400 lb bbla.....	.04 1/2	: .05
Mangrove, bark, African.....	...	: 46.00
Shipment.....	...	: 44.00
Marble Flour, bulk.....	10.00	: 12.00
See also Calcium Carbonate.....	...	: 9.75
MENTHOL, USP, 60 lb cases.....	...	: 10.00
Less case, 5 lb tins.....	...	: 8.00
Synthetic.....	...	: 81.25
MERCURY, metal 75 lb flasks flask.....	...	: 1.20
Less Flasks, 5 lb jars.....	...	: 1.20
Bichloride, cryst. 25 lb kegs.....	...	: 1.10
Gran. powd. 200 lb kegs.....	...	: 1.08
Bisulfate, 25 lb boxes.....	...	: .71
Blue Mass, 25 lb boxes.....	...	: .73
Powdered, 25 lb boxes.....	...	: .94
Blue Ointment, USP, 25 lb cans.....	...	: .80
USP, dilute 25 lb cans 30%.....	...	: 1.37
33 1/2% Mercury.....	...	: .51
Calomel, 50 lb kegs.....	...	: 4.10
Citrine Ointment 25 lb jars.....	...	: 4.20
Iodide, green 25 lb jars.....	...	: 4.10
Red, USP, 25 lb jars.....	...	: 2.00
Yellow, USP, VIII 25 lb jars.....	...	: 1.43
Oxide, Yellow, USP, 25 lb kegs.....	...	: 1.48
Tech.....	...	: 1.58
Red Precip. USP, 25 lb kegs.....	...	: 1.59
Powder, USP, 25 lb kegs.....	...	: 1.64
White Precip. USP, 25 lb kegs.....	...	: .71
Powdered, USP, 25 lb kegs.....	...	: .73
With chalk, USP, 25 lb kegs.....	...	: 1.75
Meta-Nitroaniline.....	...	: 1.80
Meta-Nitro-para-Toluidine, 300 lb.....	...	: 1.80

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New York

## Chemicals

<b>Meta-Phenylenediamine, 300 lb</b>			<b>MORPHINE (Cont.)</b>			<b>Nitrobenzene, crude, 1000 lb drs.</b>		
bbbs	.....	.85 : .90	Acetate, 5oz tins 10oz lots...	..	1.35	whs	.....	.09½ : .10
<b>Meta-Toluylenediamine, 300 lb</b>			agarobromos, 5 oz tins 10 oz	..	1.35	Redistilled, 1000 lb drs whs	.....	.10 : .11
bbbs	.....	.73 : .77	Hydrolite 5 oz tins 10 oz	..	1.35	Nitrogenous Material	.....	3.75 : 3.80
<b>METHANOL (Wood Alcohol)</b>			lots	..	1.35	Nitronaphthalene, 550 lb bbbs	.....	.20 : .21
95% tanks	.....	.85	Ethyl Hydrolite, ¼ oz via. 10	..	2.35	Nitrosoluene, mixed 1000 lb drs	.....	.14 : .15
Drums, c/1	.....	.57	small Nitro ¼ oz via. 50c extra	..		Nitrobenzene, crude, 1000 lb drs	.....	.09½ : .10
Drums, 1c/1	.....	.62	¼ 25c extra; single oz. via. 7c extra, over price for 5 oz. tins. 25 oz	..		whs	.....	.10 : .11
97% tanks	.....	.87	lots in 5 oz. tins, 10c oz. lower than above schedule. Less than 10 oz. lots	..		Nitrobenzene, crude, 1000 lb drs	.....	.09½ : .10
Drums, c/1	.....	.59	15c oz. higher than above schedule.	..		whs	.....	.10 : .11
Drums, 1c/1	.....	.64		..		Redistilled, 1000 lb drs whs	.....	.10 : .11
Pure, Acetate free, 15s	.....	.85		..		Nitrogenous Material	.....	3.75 : 3.80
Drums, c/1	.....	.87		..		Nitronaphthalene, 550 lb bbbs	.....	.20 : .21
Drums, 1c/1	.....	.70		..		Nitrosoluene, mixed 1000 lb drs	.....	.14 : .15
Bbbs. incl. 8c higher	.....			..		whs	.....	.10 : .11
U.S. denat. grd. tanks	.....	.57		..		Nitrobenzene, crude, 1000 lb drs	.....	.09½ : .10
Drums c/1	.....	.59		..		whs	.....	.10 : .11
Drums 1c/1	.....	.64		..		Redistilled, 1000 lb drs whs	.....	.10 : .11
Methyl Acetone, 100 gal. drums	.....	.83 : .85		..		Nitrogenous Material	.....	3.75 : 3.80
Tanks, cars	.....	.80		..		Nitronaphthalene, 550 lb bbbs	.....	.20 : .21
Chloride, 90 lb cys.	.....	.50 : .55		..		Nitrosoluene, mixed 1000 lb drs	.....	.14 : .15
Salicylate, USP, 50 lb cans	.....	.43		..		whs	.....	.10 : .11
500 lb drums	.....	.41		..		Nitrobenzene, crude, 1000 lb drs	.....	.09½ : .10
Methylene Blue, tech. 100 lb kgs	.....	1.30 : 1.35		..		whs	.....	.10 : .11
USP, medicinal 5 lb cans	.....	2.10 : 2.25		..		Redistilled, 1000 lb drs whs	.....	.10 : .11
Michler's Ketone, 235 lb bbs	.....	3.00 : 3.25		..		Nitrogenous Material	.....	3.75 : 3.80
Milk, powd. 150 lb bbbs	.....	.14 : .15		..		Nitronaphthalene, 550 lb bbbs	.....	.20 : .21
Milk Sugar, see sugar of milk	.....			..		Nitrosoluene, mixed 1000 lb drs	.....	.14 : .15
Mineral Oil, see all minerals	.....			..		whs	.....	.10 : .11
Mineral Rubber	.....	35.00 : 75.00		..		Nitrobenzene, crude, 1000 lb drs	.....	.09½ : .10
Mining Salts Drums whs	.....	.33		..		whs	.....	.10 : .11
Monobromobenzene See Bromobenzene	.....			..		Redistilled, 1000 lb drs whs	.....	.10 : .11
Monacetyl, See Acetone	.....			..		Nitrogenous Material	.....	3.75 : 3.80
Monochlorobenzene, see chlorobenzene	.....			..		Nitronaphthalene, 550 lb bbbs	.....	.20 : .21
Monethylaniline, 900 lb drs	.....	1.05		..		Nitrosoluene, mixed 1000 lb drs	.....	.14 : .15
Monomethyl paratoluenesulfate,	.....			..		whs	.....	.10 : .11
100 lb drs	.....	3.95 : 4.20		..		Nitrobenzene, crude, 1000 lb drs	.....	.09½ : .10
MORPHINE ALK., USP 5 oz ins oz	.....	9.20 : 9.30		..		whs	.....	.10 : .11
Sulfate USP 5 oz tins 10 oz	.....	1.35		..		Redistilled, 1000 lb drs whs	.....	.10 : .11

## Looking Ahead

YOUR industrial house is probably being set in order for the busy months ahead.

If you have decided to let International meet your salt requirements you are freed from anxiety regarding the purity of this important material as well as the punctuality of deliveries.

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NEW YORK OFFICE  
2 RECTOR ST.



## Chemicals

<b>PARAFFIN (Cont.)</b>			<b>PARIS GREEN (Cont.)</b>			<b>Phthalic Anhydride, 100 lb bbls.</b>		
128-132 Deg. M. P. .... D	.07%	.07%	Packages, 5 and 2 lbs. .... D	.23	.24	vis. .... D	.18	.20
133-137 Deg. M. P. .... D	.08	.08%	Packages, 1 lb., ½ lb., ¼ lb. .... D	.25	.26	<b>PILOCARPINE HYDROCHLORIDE, USP 25 gm.</b>		
138-140 Deg. M. P. .... D	.08%	.10	Paris White, see whiting, French			lots, 1 ea. vials. .... D	4.00	4.50
Para-Aminocetanilid, 100 lb			Pepsin, USP, 5 lb bot. 1:3000. .... D	2.50	2.75	Nitrate, 25 gm. .... D	4.00	4.00
kgs. .... D	1.00	1.05	1:6000 bottles. .... D	5.00	5.25	Single, gm. .... D	4.50	4.50
Para-Aminophenol, 100 lb kgs. D	1.10	1.15	1:10,000 bottles. .... D	8.35	8.50	alkaloid, 15 gr. vis. .... D	.85	.85
Hydrochloride, 100 lb kgs. .... D	1.25	1.30	Peptone, powd., 5 lb. .... D	1.70	1.80	Pine Oil, stm. dist. bbls. .... D	.60	.60
Para-Dichlorobenzene, 150 lb tols.			<b>PETROLATUM, green 300 lb bbls. D</b>	.02%	.03	Destructive dist. .... D	.63	.64
vis. .... D	.17	.20	Dark Amber, 300 lb bbls. .... D	...	.04%	Piperazine Hydrate, 1 lb bot. .... D	15.00	15.00
25-50 lb kgs. .... D	.19	.22	Light Amber, 300 lb bbls. .... D	...	.04%	Piperidine, 25 gm. .... D	1.10	1.25
Paraldehyde, USP, 100 gal drs. gal	...	.48	Cream White, USP 300 lb bbls. D	.07	.07%	Pitch, Coal-Tar, vis. .... ton	24.00	26.00
Yuck. .... D	...	.30	Snow White USP, 300 lb bbls. D	...	.12%	Pitch, prime. .... bbl	6.00	6.50
Para-Cymene, Reid., 110 gal drs. gal	2.25	2.50	Lily White, USP, 300 lb bbls. D	...	.07%	Pissaz Paris, tech 250 lb bbls. bbl	3.30	3.30
Paraformaldehyde, USP, 100 lb cs D	.39	.42	Phenol, see also acid carbolic			True Dental, 300 bbls. .... bbl	4.50	4.50
Para-Nitroacetanilid, 300 lb			Makers 950 lb drums spot .... D	.21	.22	Platinum, metal soft 10 oz lots. .... cs	120.00	120.00
bbls. .... D	.50	.55	Small drums 240-100 lb. .... D	.22	.24	Podophyllin, 5 lb bot. .... D	4.50	4.75
<b>PARA-NITROANILINE, 300 lb bbls</b>			Open market drums. .... D	...	.21	Second Hands. .... D	4.20	4.30
vis ton .... D	.57	.58%	240 lb des drs wks. .... D	...	.22	<b>POTASH SALTS, rough</b>		
Para-Nitrochlorobenzene, 1200 lb drs.			Natural, 240 lb des drs. wks. .... D	...	...	Pot. Murate basis 80% bgs. .... ton	34.90	34.90
vis. .... D	.30	.32	Phenolphthalein, USP, 100 lb drs. D	1.30	1.40	Pot. Sulfate, basis, 90% bgs., ton	...	45.85
Para-Nitro-ortho-Toluidine, 300 lb			3 lb cans, 100 lb lots. .... D	1.40	1.50	Pot. & Mag. Sulfate, basis 48%		
bbls. .... D	2.75	2.85	Phenyl-Alpha-Naphthylamine 100 lb			bgs. .... ton	24.35	24.35
Para-Nitrophenol, 185 lb bbls. .... D	.50	.55	kgs. .... D	1.23	1.29	Manure Salts basis 30% bulk ton	18.00	18.00
Para-Nitrodimethylaniline, 120 lb			Phenylethylmalonylurea, ea. pks. .... cs	...	5.50	Manure Salts, basis 20% bulk ton	11.35	11.35
bbls. .... D	.92	.94	Phosgene, 100 lb cylinders. .... D	...	...	Kalnit, basis 12.4% bulk. .... ton	8.50	8.50
Para-Nitrotoluene 350 lb bbls. .... D	.30	.35	Phosphate Acid, 16% Bulk wks. unit	.60	.65	Bulk in bags, \$2.00 extra.		
Para-ox Benzaldehyde, 100 lb			Phosphate Rock, f.o.b. mines			Prices c.i.f. Atlantic & Gulf Ports.		
kgs. .... D	...	1.70	Florida Pebble 68% .... ton	2.65	2.75	Discounts, 50 tons. 5%; 500 tons 10%		
Para-Phenetidine, 500 lb drs. .... D	1.55	1.59	Florida Pebble 70% .... ton	3.00	3.10	<b>POTASH, CAUSTIC, solid 88-92%</b>		
Para-Phenylenediamine, 350 lb			Florida 72% .... ton	3.50	3.65	700 lb drs wks. .... D	.07%	.07%
bbls. .... D	1.30	1.35	Florida Pebble, 75-74% .... ton	4.00	4.25	Imp. 88-92% 700 lb drs. NYD	.07%	.07%
Para-Toluene-Sulfonamide, 175 lb			Tennessee, 72% .... ton	...	...	USP, by alcohol 5 lb cans. .... D	.48	.48
bbls. .... D	.40	.41	Phosphorus Oxichloride, 175 lb cyl. D	.35	.40	cans. .... D	.30	.35
*ara-Toluene-Sulfonchloride, 410 lb			Phosphorous, red 110 lb cs .... D	.68	.70	<b>POTASSIUM Acetate, USP, 100 lb</b>		
bbls. vis. .... D	.18	.30	Yellow, 110 lb cs wks. .... D	...	.32	kgs. .... D	.29	.30
Para-Toluidine 350 lb bbls. wks. .... D	.55	.60	Imported, 110 lb cs wks. .... D	.35	.37%	Second Hands, kgs. .... D	.26	.28
<b>PARIS GREEN</b>			Phosphorus Trichloride, 175 lb cyl.			Bicarbonate, crys. 320 lb bbls. .... D	.09	.10
Arsenic Basis, 500 lb kgs. .... D	.19	.20	vis. .... D	...	.45	Bichromate crys. 900 lb cans. .... D	.08%	.08%
Kgs. 100 lb. .... D	.21	.22				Powd., 900 lb cans. wks. .... D	.11	.12
Klu. 50, 25, 14 lb. .... D	.22	.23				Binoxalate, 300 lb bbls. .... D	.16	.18
						Import, 112 lb bbls. .... D	.18	.19

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CHICAGO, ILL.

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**Isco Carrara Silica**

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# Chemicals

## POTASSIUM (Cont.)

Bisulfate, C.P., 5 lb cans....	..	30
100 lb kegs.....	..	32
Bromate, 100 lb cs.....	..	25
BROMIDE, USP, cryst., 450 lb		
bbls.....	..	48 : 49
Granular, 300 lb bbls.....	..	48 : 49
Cases, 100 lb.....	..	50
Imported, USP, 220 lb cs	..	39 : 43
Shipment.....	..	43 1/2
CARBONATE, 80-85% calc.		
800 lb cks.....	..	05 1/2 : 05 1/2
80-85%, hydrated, 800 lb		
cks.....	..	05 1/2 : 06
90-95% calc. casks.....	..	06 : 06 1/2
96-98% calc. casks.....	..	06 : 06 1/2
99% calc. casks.....	..	07 1/2
USP, 100 lb kegs.....	..	11 : 11 1/2
99% C.P., casks.....	..	12 1/2
Chlorate, crys., 112 lb bgs. c/l		
wks.....	..	08 1/2 : 09
Imp. 112 lb kegs NY.....	..	08 1/2 : 08 1/2
Powd., 112 lb kegs, wks.....	..	08 1/2 : 09
Imp. kegs NY.....	..	08 1/2 : 08 1/2
Gran. Imp. 112 lb kegs NY.....	..	10 1/2 : 11
Pyrotechnic, line powd. NY.....	..	07
USP, fine powder, 110 lb kegs		
NY.....	..	14 : 15
Crys.....	..	12
Gran.....	..	14
Chloride, crys bbls.....	..	03 1/2 : 05 1/2
Citrate, USP, 50 lb.....	..	60
Cyanide, 110 lb cases.....	..	55 : 58
Glycerophosphate, 75% soln. 25 lb		
tins.....	..	1 35 : 1 50
10 lb.....	..	2 00 : 2 25
Hypophosphite, 10 lb cans.....	..	80 : 85
Iodide, USP, 100 lb cases.....	..	3 75 : 3 80
Lactophosphate 4 oz bot.....	..	90
Metalbisulfite, 300 lb bbls.....	..	10 : 11
Imp., 550 lb bbls.....	..	09 : 10

## POTASSIUM (Cont.)

Muriate, 80%, 200 lb bags, NY		
K <sub>2</sub> O unit.....	..	63
Nitrate, see Saltpetre		
Oxalate, neutral 100 lb kegs.....	..	23
Perchlorate, 112 lb kegs.....	..	10 1/2 : 11
PERMANGAN, USP, crys. 500 lb		
& 100 lb drs, wks.....	..	16 : 16
Imp. 113 lb drs.....	..	14 1/2 : 15 1/2
Prussiate red, 500 lb casks.....	..	37 : 38
Prussiate, yellow 500 lb casks	..	18 1/2 : 18 1/2
Salicylate, 25 lb cans.....	..	60 : 65
Sulfate, 200 lb bags, NY K <sub>2</sub> O unit		
USP, VIII 100 lb kegs.....	..	15
Sulfocyanide, CP 35 lb jars.....	..	50
Tartrate, neutral, 100 lb kegs.....	..	61
Titanium Oxalate, 200 lb bbls.....	..	21
Pumice Stone, lump, 250 lb bbls.....	..	04 1/2 : 06
Lump, bags.....	..	04 : 05
Powdered, 350 lb bbls.....	..	02 1/2 : 03
Pyridine 50 gal drums.....	gal	4 30 : 4 40
QUEBRACHO, 35% liquid tks.....	..	03 : 03 1/2
450 lb bbls c/l.....	..	03 1/2 : 04
35% bleaching, 450 lb bbls.....	..	04 : 05
Solid 63%, 100 lb bales c.l.f. ....	..	04 1/2 : 04 1/2
Clarified, bales.....	..	05
Querciton, 51° 450 lb bbls.....	..	06 1/2 : 07
Solid, 100 lb boxes.....	..	10 : 13
Quercitron bark, rough.....	ton	14.00
Ground.....	ton	34.00 : 35.00
QUICKSILVER, see Mercury		
Quinine ALK., 100 oz. tins.....	..	70 : 75
Sulfate, 100 oz. tins.....	..	60
Quinidine, see Chinoline		
QUININE SULFATE, USP.		
American 100 oz. tins.....	..	50
1 oz. tin, 100 oz. lots.....	..	67
Dutch 100 oz. tins.....	..	50

## QUININE SULFATE, USP.

Iava, 100 oz. tins.....	..	50
Japanese, 100 oz. tins.....	..	50
resale.....	..	47 1/2
Acetate.....	..	88
Arsenate.....	..	84
Benzate.....	..	88
Bisulfate, USP.....	..	45
Resale.....	..	37 : 41
Citrate.....	..	62
Dihydride, USP.....	..	66
Dihydride.....	..	66
Dicarbonate, 12 oz. tins.....	..	2 50
Ethyl Carbonate, 16 oz. tins.....	..	70
Ferrocyanide.....	..	88
Formate.....	..	85
Glycerophosphate.....	..	88
Hydride.....	..	88
Hydrobromide, USP.....	..	62
Hydrochloride, USP.....	..	62
Hydrochlorosulfate.....	..	66
Hydride & Urea, USP.....	..	88
Hypophosphite.....	..	88
Lactate.....	..	78
Phenolmonosulfate.....	..	88
Phosphate.....	..	74
Salicylate, USP.....	..	63
Tannate, USP.....	..	48
Tartrate.....	..	88
Valerate.....	..	89

Small Sizes: 1 oz. vials or cans,  
500m. lots, 5c. ea. extra; 50m. cans,  
500m. lots 3c. ea. extra; 25m. cans,  
500m. lots, 2c. ea. extra; single 1oz.  
vials or cans, 5c. extra. All minor  
quinine salts sold and quoted basis  
100m. lots in 100m. cans. Sulfate  
and bisulfate sold basis 100m.  
lots in 100 oz. cans. Smaller orders  
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## Chemicals

Quinone, 100 lb kegs .....	lb	1.75	: 2.25
R SALT, 250 bbls, wks .....	lb	.45	: .47
act. Lead, see lead oxide			
Med Precipitate, see mercury			
Rennet, N.F., 5 lbs. (1:25,000) lb		2.95	: 3.50
Resorcin, see resorcinol			
Resorcinol, tech., 100 lb kegs ..	lb	1.30	: 1.35
USP, 25 lb cans .....	lb	2.25	: 2.35
Rochelle Salt, USP, 225 lb bbls ..	lb	.20	: .20 1/2
Imp. USP, 300 lb bbls .....	lb	.19	: .19 1/2
Rosewater, triple, 5 gal. demis. gal		.85	: .90
Resins, (Sold in 600 lb bbls, gross for net.)			
B .....	280 lb	16.00	: 16.20
D .....	280 lb	16.10	: 16.20
E .....	280 lb	16.10	: 16.20
F .....	280 lb	16.10	: 16.20
G .....	280 lb	16.10	: 16.20
H .....	280 lb	16.10	: 16.20
I .....	280 lb	16.10	: 16.20
K .....	280 lb	16.10	: 16.20
M .....	280 lb	16.17 1/2	: 16.20
N .....	280 lb	16.17	: 16.27
WQ .....	280 lb	16.27	: 16.40
WW .....	280 lb	16.35	: 16.60
(Sold in 600 lb bbls net, quotations based on a unit of 280 lb)			
Roisin Oil first run 50 gal bbls gal		.78	: .80
Second run, bbl .....	gal	.83	: .85
Motten Stone lump imp bbls ..	lb	.07	: .08
Lump selected, bbls .....	lb	.09	: .12
Powdered bbls .....	lb	.02	: .05
Domestic, bags mines .....		24.00	: 30.00
SACCHARIN, USP, 10 lb cans, 25 lb			
lb .....	lb	1.75	: 1.85
Soluble, USP, 10 lb cans, 25 lb ..	lb	1.75	: 1.80
Soda, Flour, 150 lb bags .....	lb	...	: .95
sa. Ammoniac, see Ammon. Chloride			
Sulfa, USP, 1 lb cartons, 25 lb ..	lb	5.00	: 5.25
Sulal, USP, 100 lb drums .....	lb	.80	: .90
Salt, Common, see sodium chloride			
Salt Cake, c/l f, e, b, wks .....	ton	17.00	: 20.00

## SALTPETRE, Double Refined

Granular, 400-500 lb bbls			
c/l wks .....	lb	.06 1/2	: .06 1/2
Less c/l wks, bbls ..	lb	.06 1/2	: .06 1/2
Large Crystals, 350-400 lb bbls,			
c/l wks .....	lb	.07	: .07 1/2
Triple refined, Granular, 350 lb			
bbls 1/c/l .....	lb	.06 1/2	: .06 7/8
Powdered, bbls c/l wks ..	lb	.07 1/2	: .07 1/2
Imported, 500 lb bbls, NY ..	lb	.06 1/2	: .06 1/2
Santonin, USP, 1 lb bot .....	lb	155.00	: 160.00
Powd 1 lb bot .....	lb	158.00	: 162.00
Saponin, refined, 5 lb tins ..	lb	1.25	: 1.50
Crude .....	lb	1.00	: 1.25
Sadr. White, 500 lb bbls .....	lb	...	: .61 1/2
Serpentinamine see hyoscinine			
Selditz Mixture, 225 lb bbls ..	lb	.16 1/2	: .16 1/2
SILICA			
Crude, bulk, mines .....	ton	6.00	: 7.00
Refined, flaked, bags .....	ton	18.00	: 30.00
Air flaked, bags .....	ton	32.00	: 50.00
Extra, flaked, bags .....	ton	55.00	: 65.00
Colloidal, 1 ton bot .....	ton	...	: 2.80
SILVER metal American oz ..	oz	.71	: .71
Silver Iodine, 16 oz bot .....	oz	.69	: .69
Nitrate 16 oz bot .....	oz	.47 1/2	: .47 1/2
Bulk .....	oz	.34	: .34
Protinate, 1 oz bot .....	oz	.36	: .36
Bulk .....	oz	.29	: .29
Soap, Castile 40 lb oz ..	lb	.30	: .30
Powd. USP, 250 lb bbls .....	lb	.28	: .30
Green, USP, 150 lb kegs .....	lb	.07 1/2	: .08 1/2
Soapstone, see Talc. cruo-			
SODA ASH, 58% light			
1-4 bags, deliv'd NY .....	lb	2.19	: 2.19
5 & Up bags deliv'd NY .....	lb	2.04	: 2.04
1-4 bbls, deliv'd NY .....	lb	2.44	: 2.44
5 & Up bbls deliv'd NY .....	lb	2.29	: 2.29
Contract, Basis 58% bags c/l			
wks .....	lb	1.33	: 1.33
Prompt and spot, Basis 58% bags			
c/l wks .....	lb	1.43	: 1.43

Contract, Basis 58% dense bags			
SODA ASH (Cont.)			
c/l wks .....	lb	1.40	: 1.40
Prompt and spot, Basis 58% bags			
c/l wks .....	lb	1.80	: 1.80
SODA, CAUSTIC, 76% solid			
1-4 drums deliv'd NY .....	lb	3.91	: 3.91
5 & Up drums deliv'd NY .....	lb	3.76	: 3.76
Ground & Flake, 76%			
1-4 drums, deliv'd NY .....	lb	4.31	: 4.31
5 & up drs deliv'd NY .....	lb	4.16	: 4.16
1-4 bbls deliv'd .....	lb	4.68	: 4.68
5 & up bbls deliv'd .....	lb	4.41	: 4.41
Contract basis 76% c/l wks			
100 lb .....	lb	3.10	: 3.10
Prompt and spot, Basis 76%			
c/l wks .....	lb	3.20	: 3.20
Contract 74% low grade c/l			
wks, flat .....	lb	3.03	: 3.03
Ground & Flake, 76% prompt and			
spot, wks, c/l drs .....	lb	3.80	: 3.80
Contract 76% drums c/l wks,			
flat .....	lb	3.50	: 3.50
USP, stick, 10 lb cans .....	lb	.19	: .21
Pure, stick, by alcohol .....	lb	.25	: .27
Soda Sal. see Sodium Carbonate			
Sodium Metal, 12 1/2 lb bricks ..	lb	...	: .27
SODIUM ACETATE, crys. 450 lb bbls			
wks .....	lb	.05	: .05 1/2
Aluminate 500 lb bbls wks ..	lb	.07 1/2	: .08
Aluminum Sulfate, see alum. soda			
Arsenite, 4 lb mat, wks drums gal		.50	: .60
Drums, 8 lb material, wks gal		1.00	: 1.20
Benzonate, USP, 100 lb bbls ..	lb	.50	: .55
Bicarbonate, 400 lb bbls, NY 100 lb		...	: 2.41
Bbls c/l wks .....	lb	2.00	: 2.00
112 lb kegs c-l wks .....	lb	2.55	: 2.55
112 lb kegs NY .....	lb	2.66	: 2.66
Bichromate, 600 lb casks wks ..	lb	.06 1/2	: .07
Casks, c-l NY .....	lb	.06 1/2	: .07
Casks, NY .....	lb	.06 1/2	: .06 1/2
Stannite, dry powder, 500 lb			
bbls, wks .....	lb	.94	: .94 1/2
Imported .....	lb	...	: .03 1/2

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## —and Always



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Solid—Flake—Ground  
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Solvay Snowflake Crystals  
(Trademark Registered)  
Solvay Laundry Soda  
Solvay Cleansing Soda  
Solvay Tanners Alkali  
Solvay Tanners Soda  
Solvay Liquid Caustic Soda  
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## Chemicals

## SODIUM—(Continued)

BROMIDE, USP, 450 lb bbls..D	.48	: .49
Cases, 50 lb.....D	.48	: .49
Imp. USP, 220 lb cases.....D	.48	: .44
Bromate, 100 lb ct.....D	...	: 1.15
Cacodylate, USP, 25 lb		
50 lb bot.....D	6.00	: 6.10
Carbonate Sal Soda 350 lb.....D		
le/1 NY.....100 lb	1.30	: 1.35
Works c/1.....100 lb	1.10	: 1.30
Monohydrate, 400 lb bbl.		
le/1 NY.....100 lb	...	: 2.40
Pure photomicro 100 lb		
kg.....D	.06	: .06
Chlorate, 112 lb kgs. via.....D	.06 1/4	: .06 1/4
Imported, 112 lb kgs.....D	.06 1/4	: .06 1/4
Chloride, tech.....600	12.00	: 13.00
C. P., 300 lb bbls.....D	.05	: .06
Chromate 800 lb bbl.....D	...	: .03
Citrate, USP, 1X, 50 lb bbls		
kgs.....D	.52	: .54
USP, VIII, 50 lb bbls kgs.....D	.45	: .47
Cyanide 96-98% 100 & 250 lb drums		
via.....D	...	: .20
73-75% 100 lb cases via.....D	...	: .17 1/2
125-128% 200 lb cs.....D	.18	: .18 1/2
120-125% 200 lb cs.....D	.15	: .16
118-120% 200 lb cs.....D	.14	: .15
Fluoride, 300 lb bbls, via.....D	.09	: .09 1/2
Imp. 700 lb cks.....D	.08 1/4	: .08 1/2
Glycerophosphate USP, 25 lb		
cases.....D	1.40	: 1.55
Powder, 25 lb tins.....D	1.45	: 1.60
Solution, USP, 25 lb tins.....D	1.05	: 1.20
Hydride, see Soda Caustic		
Hypochlorite Soln, 100 lb cys.....D	...	: .05
14 1/2 % soln, 50 lb cys.....D	...	: .04
Hydroxide, 300 lb bbls f.o.b. via.....D	.21	: .24
For Stripping, 50 lb cans.....D	.30	: .35
Hypophosphite, USP, 25 lb cans		
b.....D	.70	: .75

## SODIUM—(Continued)

HYPOSULFITE, tech. pen crys.		
375 lb bbls, via.....100 lb	2.45	: 3.05
Bbls, c/1 via.....100 lb	...	: 2.50
100 lb kgs, via.....100 lb	2.80	: 2.90
Imp.....100 lb	2.75	: 3.00
Regular crys, bbls, via.....100 lb	2.40	: 2.65
Bbls, c/1 via.....100 lb	2.40	: 2.50
Kgs, via.....100 lb	3.00	: 3.10
Imp.....100 lb	2.35	: 2.45
Iodide, USP, 25 lb jars.....D	4.25	: 4.30
Metanilate, 150 lb bbls.....D	.70	: .75
Molybdate 100 lb kgs.....D	...	: 1.10
Naphthionate, 300 lb bbls.....D	.55	: .57
Nitrate crude, 95% 200 lb bgs		
c-1 NY.....100 lb	...	: 2.55
Oct-Nor. Shipment NY 100 lb	2.55	: 2.59
Double Reduced 400 lb bbls		
gran. c/1 via.....D	...	: .03 1/2
Powdered bbls c/1 via.....D	...	: .05 1/2
Nitrite, 500 lb bbls, spot makers.....D	...	: .09
Imp. 650 lb cases.....D	.09	: .09 1/2
Ortho-Chloro-Toluene Sulfonate,		
175 lb bbls, via.....D	.25	: .27
Oxalate, neutral, 100 lb kgs.....D	.20	: .23
Perborate, 275 lb bbls.....D	.21	: .22
Imp. 225 lb drs.....D	.21	: .22
Peroxide, 200 lb cases.....D	...	: .27
Phosphate, di-sodium, tech. 550 lb		
Bbls.....100 lb	3.40	: 3.75
USP, gran, 275 bbls.....D	.07	: .07 1/2
Imp. gran.....D	.04 1/2	: .05 1/2
USP, Crystal, 275 bbls.....D	.07 1/2	: .08
Monosodium, 100 lb kgs.....D	.30	: .31
Tri-sodium tech. c-1 bbls 100 lb		
Picramate, 100 lb kgs.....D	...	: 3.90
Para-Toluene Sulfonate 175 lb		
bbls.....D	.08	: .09
PRUSSIAN, yellow, 350 lb bbls		
via.....D	.10 1/4	: .10 1/2
Imp 50 lb cks.....D	.10 1/4	: .10 1/2
Pyrophosphate, 100 lb kgs.....D	.24	: .26
Sulfate, 100 lb kgs.....D	...	: .40
Second hands, USP, kgs.....D	.39	: .40

## SODIUM—(Continued)

Silicate, 40° turbid, tanks		
via.....100 lb	...	: .75
55 gal drums, via.....100 lb	.55	: 1.10
40° clear, tanks, via.....100 lb	...	: 1.10
55 gal drs, via.....100 lb	1.20	: 1.45
42° turbid, tanks, via.....100 lb	...	: .80
55 gal drs, via.....100 lb	.90	: 1.15
42° clear, tanks, via.....100 lb	...	: 1.25
55 gal lrs, via.....100 lb	1.35	: 1.75
Silicofluoride, 450 lb bbls NY D.	.04 1/4	: .04 1/2
Stannate, 100 drums.....D	.39	: .40
Sulphate, see Glauber's Salt		
Sulfate, Anhydrous, 550 lb bbls		
c-1 via.....D	.03 1/4	: .03 1/2
Imp. 250 lb bbls.....D	...	: .01 1/2
Sulfide, 60% solid, 650 lb drs.		
le/1 via.....D	...	: .04 1/4
Dr. c/1 via.....D	...	: .04
Imp. 700 lb drs NY.....D	...	: .03 1/2
60% broken, 650 lb drs via.....D	...	: .04 1/4
Dr. c/1 via.....D	...	: .04 1/4
30% crys. 440 lb bbls via.....D	.02 1/2	: .02 1/2
Imp. 400 lb bbls.....D	...	: .02 1/2
Sulfite, crys. 400 lb bbls via.....D	.03 1/4	: .03 1/2
Anhydrous, 400 lb bbls.....D	.09 1/2	: .10
Sulfocarbonate, USP, 100 lb kgs.....D	.32	: .34
Sulfocyanide, 400 lb bbls.....D	.40	: .45
Tungstate, crys. 100 lb kgs.....D	.70	: .75
SOLVENT NAPHTHA, 110 gal		
dr. via.....gal	.31	: nom
8,000 gal, tank cars via gal	.28	: nom
Sparteine Sulfate, USP, 25 ozs bulk os	...	: .60
Single 32. vial.....os	...	: .77
Spruce, 25% liquid tanks, via.....D	.01	: .01 1/2
Powd. 50% 100 lb bags, via.....D	.02	: .02 1/2
Starch, rice, 140 lb bags.....D	.09	: .10



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All Tests

# Soda Ash

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Sole Selling Agents

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## Chemicals

STARCH, powd. 140 lb bgs c-1 100 lb	3.32
Bags 1c-1 100 lb	3.42
Pearl, 140 lb bgs 100 lb	3.22
Bags 1c-1 100 lb	3.32
Potato domestic, 200 lb bags c/1 lb	.04 : .04 1/2
Imported bags duty paid 1 lb	.06 1/2 : .07
Wheat, down thick bgs 1 lb	.06 1/2 : .07
Thin bgs, 1 lb	.09 1/2 : .10
Sol. Potato 1 lb	.07 : .07 1/4
STRONTIUM Bromide, USP, 50 lb	
kegs 1 lb	.51 : .52
Carb. N. F. 600 lb bbls. wks 1 lb	.30
100 lb kegs, wks 1 lb	.08
Iodide USP 25 lb jars 1 lb	.40
Nitrate 600 lb bbls wks 1 lb	.08 : .08 1/2
Imp. bbls NY 1 lb	.08 : .08 1/2
Sulphate, USP, 100 lb kegs 1 lb	.75 : .80
STRYCHNINE Alkaloid, USP, crs	
100 oz. tins 1 lb	.61
Japanese cans 1 lb	.75
Alk., powd. USP 1 lb	.51
Acetate 1 lb	.55
Glycerophosphate, USP, 1 lb	.55
Hydrobromide 1 lb	.55
Hydrochloride 1 lb	.55
Hypophosphate 1 lb	.65
Nitrate, USP, 1 lb	.55
Phosphate 1 lb	.55
Sulfate, USP, crs powd 1 lb	.42
Saccharinate 1 lb	1.15
Strychnine preparations quoted bases	
1000s lots to 1000s tins. Small sizes;	
1/4 oz vials, 50c extra; 1/2 oz vials, 25c	
extra; single ounce vials, 7c extra. Lots	
of 25 oz. 5c higher than above	
schedule. Lots of less than 25 oz.	
10c higher per oz.	
Coloring (See Caramel)	
Super Milk, USP, 200 lb bbls 1 lb	.20 : .21
Second Hands, USP, bbls 1 lb	.18 : .19
Unifol, see Sulfonmethane	
Sulfomethylmethane, USP, 10 lbs 1 lb	3.85 : 4.05
Sulfonmethane, USP, 10 lb bbs 1 lb	2.65 : 2.85

SULFUR	
Crude, f.o.b. mines 100 lb	14.00 : 15.00
Brimstone, 250 lb bags, c/1 100 lb	1.75 : 1.95
Low c/1 bags NY 100 lb	1.85 : 2.10
Roll, 500 lb bbls c/1 NY 100 lb	2.15 : 2.45
Low c/1 bags NY 100 lb	2.20 : 2.45
Flour, Heavy, 290 lb bbls 100 lb	2.50 : 3.05
Light, 100% 260 lb bbls 100 lb	2.60 : 3.15
Rubbermakers 100% 240 lb	
bbls, NY 100 lb	2.50 : 3.15
Commercial, 99% 150 lb bgs	
NY 100 lb	1.55 : 1.65
For Disting. 99% 100 lb	
bgs, NY 100 lb	1.95 : 2.50
Flowers, 100% 240 lb bbls	
NY 100 lb	3.25 : 3.90
Precipitated, 125 lb bbls NY 1 lb	.15 : .17
Lac, 125 lb bbls NY 1 lb	.10
Sulfur Chloride, red, 700 lb drs	
wks 1 lb	.05 1/2 : .06
150 lb ctya, wks 1 lb	.07
Yellow, 700 lb drs wks 1 lb	.04 1/2 : .05
150 lb ctya, wks 1 lb	.06
Sulfur Dioxide, 100 lb cty 1 lb	.08 : .09
Iodide USP, VIII, 5 lb bot. 1 lb	.45
Sulfuryl Chloride, 600 lb drs 1 lb	.65 : .70
Sumac, Liquid, 450 lb bbls 1 lb	.05 1/2 : .06 1/2
Stainless, 600 lb bbls 1 lb	.11 : .11 1/2
Sumac, Sicily leaves 100 lb bags ton	150.00 : 130.00
Ground 100 lb	25.00 : 60.00
Virginia, 150 lb bags 100 lb	55.00 : 70
Destructive, distilled, bbls 1 lb	.68 : 40.00
TALC, Italian 220 lb bags NY 100 lb	40.00 : 50.00
Refined, white, bags 100 lb	50.00 : 55.00
French, 220 lb bgs, NY 100 lb	30.00 : 35.00
Refined, white, bags 100 lb	38.00 : 45.00
Dom., crude, 100 lb bags NY 100 lb	12.00 : 15.00
Refined, 100 lb bags NY 100 lb	16.00 : 18.00
Tankage, ground, NY 100 lb	4.25 : 4.40
High grade f.o.b. Chicago 100 lb	.05 1/2 : .06
So Am. c.i.f. 100 lb	.05 1/2 : .06
Tapioca Flour, high grade bgs 1 lb	.04 1/2 : .05
Medium grade, bags 1 lb	.03 1/2 : .03 3/4
Low grade, bags 1 lb	.03 1/2 : .03 3/4

Tar Coke Oven, Tia. wks 1 gal	.07 : .08
Water Gas, Tia. wks 1 gal	.08
Tar, kiln-burnt 1 bbl	14.00
Retort 1 bbl	15.00
Tartar Emetic, tech. 700 lb bbls 1 lb	.28
NSP, 300 lb bbls 1 lb	.31 : .34
Tensilac 41, 100 lb drums 1 lb	.65
Tensilac 69, 100 lb drums 1 lb	4.80
Terpib Hydrate, USP, 100 lb kegs 1 lb	.45 : .47
Terpinol, CP, 1000 lb drums 1 lb	.38 : .40
Cans, 50 lb 1 lb	.42 : .45
Imported, cans 25 lb 1 lb	.43 : .46
Terpinyl Acetate, 25 lb cans 1 lb	1.65 : 1.85
Terra Alba, No. 1, 300 lb bbs 100 lb	1.85 : 1.90
Petralene, 50 gal drs wks 1 gal	1.48
Tetrachlorethane See Acetylene Tetrachloride	
Theobromine Alk., 5 lb cans 1 lb	3.60 : 3.75
Sod. Sulfate, 1 lb bot. 1 lb	2.22
Thiocarbonyl, 170 lb bbls 1 lb	.34 : .36
Thymol, USP, 25 lb tins 1 lb	4.00 : 4.35
Iodide 1 lb	6.75 : 7.00
TIN, metal Straits NY 1 lb	.61 1/2
Iodine, 5 lb boxes 1 lb	7.25 : 7.50
American Standard, NY 100 lb	59.00
99% American, NY 100 lb	57.75
Bichloride 50% soln. 100 lb	
bbls wks 1 lb	.16 1/2
Crystals, 500 lb bbls wks 1 lb	.41
100 lb kegs wks 1 lb	.41 1/2
Oxide, 300 lb bbls wks 1 lb	.63 : .64
100 lb kegs wks 1 lb	.65 : .66
Tetrachloride, 100 lb drs wks 1 lb	.34
Titanium Oxide, bbls, wks 1 lb	.13 : .14
Toluidine, 350 lb bbls 1 lb	.90 : .94
Sulfate, 350 lb bbls 1 lb	.80 : .85
Toluene, 8000 gal tank cars wks gal	.26
110 gal drs wks 1 gal	.31
Toluidine, Mixed, 900 lb drs, wks 1 lb	.31 : .32
Toners, para red 1 lb	.85 : .90
Toluidine 1 lb	1.75 : 1.80
Triacetin, 50 gal drs wks 1 lb	.75 : .80
Tribromophenol, 100 lb cases 1 lb	1.10
Trional, see Sulfonethymethane	
Triphenylguanidine 1 lb	.69 : .73
Triphenyl Phosphate, 450 lb bbls 1 lb	.75

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## HEXALIN

[Hexa Hydro Phenol]

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[Tetra-Hydro-Naphthalene]

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## Chemicals

Trippell, 500 lb bbls	100 lb	2.50	2.00
Tungsten, NY	WO unit	11.75	13.00
Turner Red Oil, 1 lb single	D	.11	.13
Uranium	D	.16	.18
Turpentine Spirits, bbls	gal	1.13	1.18
Wood steam Dist. bbls	gal	1.03	1.08
Ultramarine Blue	D	.18	.25
UREA, pure, 112 lb cans	D	.18	.20
Valonia Caps, 30-31% tan	ton	34.00	40.00
Ward 42% tan, bgs	ton	57.00	60.00
Mixture, 36% tan	ton	38.00	47.00
VANILLIN, USP, 500 oz cans	os	.44	.44
Cans, 80 oz	os	.45	.45
Cans, 16 oz	os	.46	.46
Second Hands	os	.42	.44
Vegetian Red	D	.08	.08
Vergigra, see Copper Subacetate			
Vermilion, Amer. 100 lb bags	D	.38	.40
English, bags	D	1.40	1.45
Veratrine Sulfate, 1 oz vial	os	.18	.18
Hydrochloric, 1 oz vial	os	.18	.18
Veronal, see Acid Diethylbarbituric			
Vulcan, 250 lb bbls, wks	D	.75	.75
Wattle Bark, bgs	ton	44.50	45.50
Extract 55% dbis bgs ex-deck	D	.08%	.08%
WHITE LEAD, see lead, white			
White Precipitate, see mercury			
Whiting, 200 lb bags, c/l wks 100 lb	D	1.25	1.25
Gilders, bags NY	100 lb	1.25	1.25
French, bags NY	ton	14.50	15.00
English, bags, NY	ton	21.00	23.00
Park White	100 lb	1.20	1.20
Which Hand Extract, 50 gal. bbls gal	D	1.08	1.10
XYLENE, 3° dist. range, nitration			
110 gal drs NY	gal	.55	nom
5° dist. range, 8000 gal. tanks			
wks	gal	.40	nom
110 gal drs wks	gal	.45	nom
10° dist. range, drums, wks	gal	.40	nom
Tanks, wks	gal	.35	nom
Commercial, 110 gal drs wks gal	gal	.32	nom
Tanks, wks	gal	.27	nom
Xylidine, crude	D	.37	.37
Refined	D	.40	.42

YARA YARA, 1 lb tins	D	1.88	1.88
Yochimisin Hydrochloride, 1 oz vial	os	3.18	4.00
Zinc	D	.20	.20
Yolk Oil bbls	D	.35	.35
ZINC, METAL, high grade, slabs			
c-1 NY	100 lb	8.50	8.50
Common Slabs, c/INTY 100 lb	D	7.95	7.97 1/2
Mossy, 25 lb bxs. NY	D	.14	.14
Ammonium Chloride, powd., 400 lb	D	.06 1/4	.06 1/4
bbls	D	.10	.10 1/2
Carb. tech bbls NY	D	.20	.20
USP, 100 lb bags	D	.07 1/2	.07 1/2
Chloride, fused, 600 lb drs. wks	D	.08	.08
Dr. c/l wks	D	.07	.07 1/4
Granulated, 500 lb bbls wks	D	.27	.27
Imported, dr NY	D	.40	.41
Sulfate, 50%, tanks wks 100 lb	D	.09	.09 1/2
USP, 25 lb jars	D	5.25	5.25
Cyanide, 100 lb drs	D	.45	.45
Dust, 100 lb tins, wks	D	.07 1/4	.07 1/4
500 lb bbls bags c/l wks	D	.10	.10 1/2
500 lb bbls, bags, 1c/l wks	D	.09 1/2	.09 1/2
Iodide, 5 lb lots	D	.07 1/4	.07 1/4
Nitrate, 25 lb jars	D	.07 1/4	.07 1/4
Oxide, Amer. Bags wks	D	.10	.10 1/2
Oxide, Amer 300 lb bbls. wks	D	.09 1/4	.09 1/4
French, 300 lb bbls wks	D	.14	.14
Bbl. c/l wks	D	.12	.12
Bags, c/l wks	D	.11 1/2	.11 1/2
USP, 100 lb bbls c/l	D	.15	.15
10-25 bbl lots	D	.16	.16
5 bbl lots	D	.17	.17
1 bbl lots	D	.12	.12
Imported, white seal, bbls	D	.10	.10
Green seal, bbls	D	.17	.17 1/2
USP 100 lb bbls	D	.21	.21
Stearate, USP, 50 lb bbls	D	.20	.20
Second Hands	D	.03 1/4	.03 1/4
Sulfate, 400 lb bbls wks	D	.08	.08
Bbls, c/l wks	D	.14	.15
USP 100 lb bbls	D	.30	.32
Sulfide, 500 lb bbls	D	1.35	1.75
Sulfocarbonate, 100 lb bags	D	.45	.50
wks	D	.08	.10
Zirconium, oxide, pure	D	.08 1/4	.08
Semi-ref'd, bags	D	.08 1/4	.08
Natural, bags	D	.08 1/4	.08

## Oils - Fats

Castor, No. 1, 400 lb bbls	D	.16	.16 1/4
50 lb cases	D	.17	.17 1/4
No. 3, bbls	D	.15 1/4	.16
Blown, 400 lb bbls	D	.13	.13
China Wood, spot NY	D	.13 1/4	.13 1/4
Tanks, Spot NY	D	.12 1/4	.12 1/4
Coast, tanks	D	.11 1/4	.12 1/4
Cocunut, Ceylon, 375 bbls NY	D	nom	nom
8,000 gal tanks NY	D	nom	nom
Cochin, 375 lb bbls NY	D	nom	nom
Tanks NY	D	nom	nom
Manilla bbls NY	D	nom	nom
Tanks, Pacific Coast	D	nom	nom
Edible bbls NY	D	.13	nom
Cod Newfoundland, 50 gal bbls gal	D	.60	.62
Tanks, NY	gal	.54	.55
Liver, see Cod Liver Oil under Chemicals			
Copra, bags	D	.05 1/4	.06
Corn, ref., 375 lb bbls, NY	D	.13	.13
Crude, tanks mills	D	.10	.10 1/4
Bbls NY	D	.12 1/4	.13
Cottonseed, crude tks mill	D	.08 1/4	.08 1/4
PSV, 100 bbls NY Oct	D	.10 1/4	.10 1/4
Nov May	D	.09 1/4	.10 1/4
Winter yellow, 100 bbls NY	D	.13	.13 1/4
Degras, Amer, 50 gal bbls, NY	D	.04 1/4	.04 1/4
English, light, bbls, NY	D	.05 1/4	.05 1/4
Brown, bbls, NY	D	.04 1/4	.04 1/4
Light brown, bbls, NY	D	.04 1/4	.04 1/4
Dark, bbls, NY	D	.03 1/4	.04
Neutral, bbls, NY	D	.07 1/4	.12
Moellon, bbls, NY	gal	.15	.15
Greases, erholce white, bbls NY	D	.14 1/4	.15
Yellow	D	.09 1/4	.09 1/4
House	D	.09 1/4	.09 1/4
Brown	D	.09	.09
Bone naphtha	D	.07	.07

## Benzoate of Soda

## Benzaldehyde

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## Oils - Fats

Barrel, Tanks, Coast	gal	.40	nom.
Barrel, 375 lb bbls, NY	lb	.10	nom.
Lard, prime steam, bbls	lb	.17%	.17%
Compound, bbls	lb	.14%	.14%
LARD OIL, edible prime	lb		.10%
off prime bbls	lb		.18%
Extra bbls	lb		.15%
Extra, No 1, bbls	lb		.13%
No 1, bbls	lb		.13%
No 2, bbls	lb		.13%
LINSEED, raw c-1 bbls spot	lb		1.33
Five bbls raws	lb		1.37
Tanks, raw	lb		1.25
Bottled, 5 bbl lots wks	lb		1.41
Double bottled 5 bbl	lb		1.42
Oct-April c-1 wks	lb		1.33
Imported bbls, NY	gal		
Tanks, NY	gal		
Menden, crude bbls wks	gal		.55
Crude, tanks, Balt	gal	.53	.55
Light pressed, bbls NY	gal	.70	.72
Yellow, bleached bbls NY	gal	.73	.75
Extra bleached bbls NY	gal	.75	.77
Blown, bbls, NY	lb		.10%
Nearfoot 20° c.t. bbls NY	lb		.18
Pure bbls NY	lb		.15%
Extra bbls NY	lb		.13%
No 1, bbls NY	lb		.13%
Old Oil No 1 bbls NY	lb	.16	.16%
No 2 bbls NY	lb	.13	.13%
No 3 bbls, N Y	lb		.12
OLIVE denatured bbls NY	gal	1.23	1.25
Edible bbls, NY	gal	2.00	2.80
Foots bbls NY	lb	.08%	.09
Shipments	lb	.08%	.09
Palm Lagos, 1500 lb casks	lb	.09%	.09%
Niger casks	lb		.09%
Bony old Calabar, casks	lb		nom
Palm Kernel, bbl, NY	lb	.11%	.11%

Peanut, refined, bbls, NY	lb	.15	.16
Crude, mills buyers' tks	lb		
Crude, bbls, NY	lb		.10%
Perilla, bbls NY	lb		.16%
Poppyseed, bbls, NY	gal	2.00	2.25
Rapeseed, refined bbls NY	gal	.98	1.00
Blown bbls NY	gal	1.16	1.18
Red Oil, distilled, bbls	lb	.11%	.12%
Saponified, bbls	lb	.11%	.12%
Tanks	lb		.11
Salmon, 8000 gal. tks. Coast	gal	.50	nom
Sesame, edible, yellow bbls	lb	.14	.14%
White	lb	.16	.16%
Sod Oil, bbls, NY	gal		.40
SOYA BEAN, crude tks, Pacific Coast	lb		.11%
Crude, tks, NY	lb		.12%
Crude, bbls NY	lb		.13%
Refined, bbls, NY	lb		.14%
Sperm, 38° c.t. blechd. bbls NYgal	lb	.87	.88
45° cold test, blechd. bbls NY gal	lb	.85	.87
STEARIC ACID, s.p. 200 lb bags	lb		.15
Double pressed, bags	lb	.15%	.16
Double pressed, bags, saponified	lb	.15%	.16
Triple pressed, bags, distilled	lb	.17%	.18%
Triple pressed, bags, saponified	lb	.17%	.18%
Stearine oleo, bbls	lb	.13%	.14
Tallow edible tierces	lb		.11%
City Extra loose	lb	.10	.10%
Tallow Oil, acidless tks, NY	lb		.11%
Bbls c/l NY	lb		.13%
Wanut, crude bbls, NY	lb		
Whale, nat winter bbls, NY	gal		.79
Sleed winter bbls, NY	gal		.81
Extra Rich, bbls, NY	gal		.93
Crude, No. 1, tanks Coast	gal		
Crude, No. 2, tanks Coast	gal		
Crude, No. 3, tanks Coast	gal		

## Crude Drugs

Acetates Gum, red, see Yacon			
ACONITE LEAVES, bales	lb	.09	.10
Root, USP, bags	lb	.30	.35
Agar Agar, 1, 200	lb	1.30	1.40
No. 3 bales	lb	1.35	1.40
No 5 bales	lb	1.10	1.25
Asaric white, cases	lb	2.75	3.00
Granulated, boxes	lb	3.35	3.40
Almonds, bitter, boxes	lb	.55	.60
Sweet, boxes	lb	.65	.70
Meal, barrels, boxes	lb	.24	.26
Alcicis Root, bags	lb	.38	.39
Alkanet Root, bag	lb	.08%	.10
Aloes, Barbados, 120 lb bbls	lb	.70	.75
Cape, 400 lb cases	lb	.10	.12
Caracao, 100 lb cases	lb	.10%	.11
Scotrine whole, 300 lb cs	lb		.32
Select, cakes	lb	.26	.32
Althea Root Cuts cs	lb	.44	.45
Whole	lb	.24	.28
Ambergris, black boxes	lb	3.00	10.00
Grey, boxes	lb		25.00
Anemone, tears, bags	lb	.75	.80
Angelica Root, dum. bags	lb	.16	.17
Angustura Bark, bags	lb	.15	.20
Anise, Levant, bags	lb	.14%	.15
Russian bags	lb		.13%
Star Case	lb	.17	.18
Spanish bags	lb	.16	.17
Annatto Seed, 200 lb bags	lb	.15	.18
ARABIC GUM.			
White, No. 1, 200 lb bags	lb	.24	.25
Seconds, 250 lb bags	lb	.22	.23
Sorts, Amber 200 lb bbl	lb	.13%	.13%
Powd., USP, 300 lb bbls	lb	.21	.22
Arca Nuts 150 lb bags	lb	.15	.17
Powd., 300 lb bbls	lb	.20	.21
Argols, Red, grd. see Chemicals			
Arnica Flowers, bales	lb	.12%	.14
Root, bags	lb		nom



Sulphur Black  
Anthraquinone  
Beta Methyl Anthraquinone  
Aluminum Chloride (Anhydrous)  
Dyestuffs  
Soda Hyposulphite

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## Crude Drugs

Arrowroot, Amer. Ford, bbls....	.10	.10%	Cassia Batavia, No. 3 bales....	.10	.10%	Elecampane Root, bags.....	.08	.09
Bermuda, bbls.....	.12	.13	China, Select rolls cases....	.11	.11%	Kider Flowers, bags.....	.10	.13
St. Vincent Ford, bbls.....	.12	.13	Broken, bales.....	.04%	.09%	Elemi Gum, 85 lb cases.....	.16	nom
Anafetida, USP, 250 lb cases....	.24	.27	Buds, cases.....	.24%	.25	Kim Bark, select 5 lb bundles cases..	.26	.27
Powd., 50 lb bxs.....	.45	.50	Cassia Fistula, baskets.....	.07	.09	Grinding, bags.....	.16	.17
BALM GILEAD BUDS, bags.....	.40	.42	Castile Soap, USP, powd., 100 lb	.20	.22	Powdered, bbls.....	.23	.25
Balmory Haris, bales.....	.40	.42	Castor Beans, bags.....	.03	.03%	ERGOT 150 lb 200 lb bags.....	.85	.90
BALSAMS			Casterum, See Aromatic Chemicals, Perfumes, Sun-			Eucalyptus Leaves, bales.....	.05%	.06
Copaiba, Para 80 lb cs.....	.39	.40	drugs			Euphorbia Pithulifera Herb, bags....	.08	.08%
South American, 80 lb cs.....	.45	.46	Catnip Herb, bales.....	.23	.26	Euphorbium Gum, cases.....	.23	.27
Fir Canada, cases.....	11.00	12.00	Catechu Gum, bags.....	.11	.12	Powdered boxes.....	.28	.30
Oregon bbls cases.....	.80	.85	Celery Seed, bales.....	.33	.35	Fennel Seed, French, bags.....	.08%	.09
Peru, 120 lb cases.....	1.80	1.85	Ceratin Wax, white bags.....	.12	.30	German bags.....	.12%	.13
Tolu, 120 lb cases.....	1.40	1.50	Yellow, 200 lb bags.....	.10	.12	Indian, bags.....	.08%	.09
Bamboo Brier Root, bags.....	.08	.07	Imp 100 lb bags.....	.34		Peagreek Seed, 200 lb bags.....	.05	.05%
Barberry Bark, tree bales.....	.12	.15	MANOMILE FLOWERS, Roman			Fish Berries, 100-125 lb bags.....	.07%	.08
Root, bags.....	.30	.32	cases bales.....	.20	.25	Flax Seed, whole, 180 lb bbls.....	15.00	15.95
Barberry Bark, bales.....	.10	.12	Hung, cases bales.....	.18	.20	Ground, 180 lb bbls.....	.05	.08%
Wax, bbls.....	.21	.22	Charcoal, Willow powd bbls.....	.06	.06%	Fringe Tree Bark, bags.....		.25
Belladonna Leaves, bales.....	.35	.37	Wood, powd. bbls.....	.04	.06	Fumigating Pastilles Black, 1 lb		.18
Root, bags.....	.15%	.17	Walnut Bark, bags.....	.07	.08	Red, 1 lb boxes.....	.45	.50
Beng Wax, white cases.....	.42	.45	Herb. bales.....	.08	.08%	SALANGAL ROOT, bags.....	.09	.10
Yellow, refined, cases.....	.42	.45	Chicle Gum 100 lbs.....	.85	.90	Gambier Gum, bbls.....		.13
Crude bags.....	.42	.45	Chiretia, bales.....	.07	.10	Gamboge Gum, 100 lb cases.....		nom
Bumelia Gum, Stam, boxes.....	1.50	1.50	Broken cases.....	.25	.29	Powdered cases.....	1.40	1.50
Bumelia, 80 lb boxes.....	.23	.24	Cinchona Bark, red quill bales.....	.70	.85	Gambur Gum, cases.....		1.35
Berberis Aquifolium Root, bags....	.11	.13	Cinnamon, Ceylon No 1, bales.....	.45	.46	Gambur Gum, bbls.....		.13
Beth Root, bags.....	.22	.25	No 2, bales.....	.43	.44	Gambur Gum, cases.....		1.35
Stiff Root, 100 lb bags.....	.40	.43	No 3 bales.....	.41	.42	Gentian Root, bags.....	.07%	.08
Blackhaw Bark, root, bales.....	.30	.31	Civet, Abyssin horns.....	3.35	3.50	Ground, bbls., boxes.....	.12	.13
Tree, bales.....	.16	.17	Clover Tops, bags.....	.17	.21	Powdered, boxes.....	.12	.13
Black Indian Root, 100 lb bags....	.40	.43	Cloves, Zanzibar 135 lb bales.....	.27	.27%	Ginger African bags.....	.15%	.15%
Blood Root, bags.....	.12	.13%	Amboynes, bales.....		nom	Jamaica, grinding bags bbls.....	.17	.17%
Blueflag Root, bags.....	.25	.27	Penang, bales.....	.40	.42	Japan, bags.....	.20	.21
Gold Leaves, bales.....	.15	.20	Cochineal, Black.....		.58	Cochin, ABC & Lemon, bags.....	.18%	.19%
Bonnet Herb, bales.....	.08	.08%	Silver.....		.50%	Cosmos Root, cultivated, bags.....	8.00	10.00
Leaves, bales.....	.08	.11	Coca Leaves, Huancayo bags.....			Northwestern Wild, bags.....	12.00	14.00
Borage Flowers, bales.....	.16	.18	Truxillo, bags.....			Southern Wild, bags.....	8.00	10.00
Bryonia Root, bags.....	.11	.12	Cohosh Root, Black bags.....	.07%	.15	Golden Seal Root, bags.....	4.65	4.70
CAUSIA LEAVES, short, 250 lb			Blue, bags.....	.10	.11	Powdered boxes.....	4.90	5.15
bales.....	.61	.62	Colchicum Root, bags.....	.06%	.07	Grains of Paradise, bags.....	.13	.14
Long bales.....	.63	.65	Seed, bags.....	.16	.17	Grindelia Robusta Herb, bales.....	.09	.09%
Northean Leaves, bales.....	.17	.22	Colocynth, Pulp USP bales.....	.22	.25	Guaiac Gum, 80 lb cases powd.....	.38	.44
Buckthorn Bark, bags.....	.06%	.07	Coltsfoot Leaves, bags.....	.20	.25	Guarana, fine cases.....	.85	.80
Burdock Root, bags.....	.09%	.10	Comfrey Root, bags.....	.13	.14	GUM, see Arabic Gum, etc.		
Seed, bags.....		.50	Condurango Bark, bag.....	.12%	.13	WELLESORE ROOT,		
Burgundy Pitch, com., 110 lb stam			Conium Herb, bags.....	.11	.12	Black, bbls.....	.06	.07
Gross for net.....	.05%	.06	Conium Seed, bags.....	.10	.11	Powdered.....	.13	.15
Imported.....			Copaiba Balsam Para, see Balsams			White, 250 lb bbls.....	.09	.10
Calabar Beans bags.....	.70	.75	Copal Gum.....	.13	.13	Powdered.....	.12	.15
Calamus Root, bleached, cases....	.33	.36	Coriander Seed, Bombay, bags....	.06	.06%	Melodina Root, (undern false)		
Unbleached, bags.....	.08%	.07	Morocco, bags.....	.04%	.05%	bags.....	.60	.65
Calendula Petals imp bales.....	.80	.85	Bleached, bags.....	.08%	.09	Hemp Seed, bags.....	.03%	.04%
Callaya Bark, bales powd.....	.35	.36	Corn Silk bales.....	.06	.06%	Henbane Leaves, bales, USP.....	.25	.31
Camphor, see Chemicals			Cotton Root Bark, bales.....	.13	.14	No. assay.....	.22	.26
Canary Seed, Morocco bags.....	.08%	.08%	Jowhags, on this.....		.60	Henna Leaves, bales.....	.08%	.10
Spanish bags.....	.08	.08%	Cramp Bark, so-called bales.....	.06%	.07	Powdered.....	.12	.14
South American, bags.....	.07%	.07%	True, bags.....	.30	.32	Honey, Calif., 120 lb cases.....	.11	.12
Dutch bags.....	.07%	.08%	Cranebill Root, bags.....	.09	.10	Hops, NY prime bale.....	.26	.30
Cassellia Wax, bags.....	.30	.32	CUBEB BERRIES, XX bags.....	.63	.65	Pacific Coast prime bales.....	.25	.27
Canella Alba Bark, bales.....	.48	.50	Powdered, lbs.....	.65	.67	Horehound Herb, bales.....	.08	.08%
Cannabae, true Imp. bags.....			Culvers Root, bags.....	.19	.20	Horse Nettle, Berries, bags.....	.35	.55
American (no assay) bales.....	.22	.25	Cumin Seed, Levant bags.....	.14%	.15	Horsetail Bush, bags.....		.15
USP.....	.35	.40	Malta bags.....	.12%	.13	Hydrangea Root, bales.....	.09	.10
Cantharides, Chinese cases.....	.80	.85	Morocco bags.....	.12	.12%	INDIA GUM, see Karaya		
Powdered bags.....	1.15	1.20	Cuttlefish Bone, Trieste, straps..	.12%	.13	Balm.....	.14	.20
Russian, cases.....	.65	.70	Jewellers large, straps.....		.30	Closed, whole bales.....	.17	.23
Powdered boxes.....	.75	.80	Small, straps.....		.35	Powdered pure, 200 lb bbls.....	.20	.30
Caraway Seed, African, bags.....	.07%	.08	French straps.....	.12%	.13	Flowers and Stems, 50 p.e.		.30
Dutch, 11 lb bags.....	.06%	.07%	Powdered, boxes.....	.08	.09	200 lb bbls.....	.24	.30
Cardamom, bleached cases.....	2.50	2.80	Broken, boxes.....		.67	Ipecac Root, Cartagena bags.....	2.35	2.50
Decorated cases.....	2.35	2.45	Damar Gum, 130 lb cases.....	.25	25%	Powdered, 200 lb bbls bxs.....	2.65	2.70
Green, grinding bags.....	1.60	1.65	Damiana Leaves, bales.....	1.10	1.25	Rio Whole, bags.....	2.35	2.45
Cassia Waz, Flor. bags.....		.40	Dandelion Root, Imp bags.....	.18	.20	Powdered 200 lb bbls bxs.....	2.65	2.70
Powd.....		.40	Deer Tongue Leaves bales.....	.10%	.11	Indian American, 130 lb cs.....	.75	.80
No. 1, Yellow bags.....	.38	.39	Digitalis Leaves, bales.....	.11	.12	Russian (Beluga) bxs. etc.....	4.00	4.50
No. 2, N Country bags.....	.34	.35	Dill Seed, bags.....	.07%	.08%	JAUBRANDI LEAVES, bales.....	.10	.10%
No. 3, regular bags.....	.36	.37	Cleaned bags.....	.15	nom	Jalap Root, whole, 150 lb bags.....	.20	.30
No. 3, N Country bags.....	.30	.31	Dogwood Bark, Jamaica, bags.....	.09%	.10	Powdered, USP, 250 lb bbls.....	.34	.36
No. 3, chalyb bags.....	.30	.31	American, bales.....	.07	.08	Japan Wax, 224 lb cs.....	.17%	.18
Cascara, Amarga 150 lb bales.....	1.25	1.50	Doggrass Root, USP, cut bags.....	.10%	.11	Job's Tears, White, bags.....	.12	.13
So-called, bales.....	.65	.70	Dragons Blood, mass cases.....	.70	.75	Juniper Berries, 125 lb bags.....	.05	.05%
Cassia Sagrada, bales.....			Reeds, boxes.....	.85	.90	Sifted.....		.08
1920-22 bark.....	.20	.22	ECHINACEA ROOT, bags.....	.20	.32	KAMALA USP boxes.....	.08	1.00
1923 bark.....	.21	.24				Karaya Gum, powdered, bbls.....	.10	.35
1924 bark.....	.15	.16						
1925 bark.....	.13	.14						
Cascarilla Bark, quills, bales.....		1.25						
Prunus, bbls.....								
Cassia Batavia No 1 bales.....	.12%	.12%						
Shortstick, bales.....	.11%	.12						



# Crude Drugs

Kauri Gum No. 1 .....	.68	.70	Marjoram Leaves, French, bales	.53	nom	Opium, Powdered, USP, cans	12.00	14.00
Kava Kava Root bags	.16	.17	Chilian, bales	.31	.32	Orange Flowers, cases	.25	1.35
Kino Gum, black cases	.55	.60	Mastic Gum, 120 lb cans	.52	.60	Orange Peel, bitter, bags	.07	.08
Kola Nut, 150 lb bags	.04%	.05	Matico Leaves, bales	.45	.45	Sweet, bags	.11	.11%
Kouso Flowers, bags	.50	1.25	Mesereon Bark, bags	.11	.12	GERRIS ROOT, Florentine bold bags	.09	.10
LADY SLIPPER ROOT, bags	.45	.50	Millet Seed, dom. yellow bags	.03%	.04	Powdered 200 lb bbls	.12	.13
Larkspur Seed, bags	5.00	5.10	Montan Wax, crude bags	.06	.07	Verona, bags	.08	.10
Laurel Berries, bags	.08%	.09	Bleached	.10	.10	Powdered 200 lb bbls	.11	.12
Leaves, Greek bags	.05	.05%	Moss, Iceland, bales	.08%	.10	Fingers, cans	.60	.62
Italian bales	.04%	.05	Irish, bleached, bales	.12%	.15	Onokuris Wax, brown hard bags	.24	.25
American, bales	.25	.35	Ordinary, bales	.09	.10	Green, hard bags	.30	.31
Lavender Flowers, ordinary	.25	.33	Mullein Flowers, tins	.85	.90	Refined, yellow, bags	.21	.25%
Selected	.35	.40	Musk, pods, Carbadine, tins	18.00	17.00	PAPRIKA, bags	.11	.12
Leches tubs	4.00	5.00	Tonguin	25.00	26.00	Pareira Brava Root, bags	.15	.17
Lemon Peel, bags	.07%	.08	Grain Cab	25.00	26.00	Parsley Seed, bags	.18	.17
Licorice Root, Russian whole	.12	.13	Synthetic, see Chemicals	35.00	38.00	Patchouli, Leaves bales	.18	.21
Spanish, natural bales	.05%	.07	Musk root, Russian bags	1.25	1.30	Pellitory Root, bales	.16	.17
Powdered, bales	.08%	.09	Mustard Seed Bari brown bags	.12	.12%	Pentecostal	.08	.09
Selected, 2 & 5 lb bundles	.12	.16	Bombay, brown	.06%	.7%	Pepper black, Sing. bags	.23%	.14%
Cuttings 125 lb bags	.06	.07	California, brown	.09	.09%	White bags	.32%	.33
Turkish, 150 lb bales	.95	.08	Yellow	.11%	.11%	Alepp, bags	.23	.23%
Lime Juice, clarified bbls	.60	.65	Chinese yellow	.05%	.06%	Lampong, bags	.22%	.23
Linden Flowers with leaves, bales	.11	.11%	English yellow	.11%	.12%	Tellecherry, bags	.23%	.23%
Without Leaves, bales	.20	.21	Dutch, yellow	.09	.10	Muntok, bags	.32%	.33
Labella Herb, bales	.40	.42	Danish, yellow	.08%	.09	Red Chillies, Japan No 1, bgs	.19%	.21
Seed, bags	.62	.65	Myrrh Gum, select, 200 lb cs	.25	.26	Nombass, bags	.10%	.10%
Lavage Root, Imported gals	.18	.25	Sorta, cases	.30	.34	Capelcum, Bombay, bags	.10%	.10%
Lupulin, N. P. tins	1.75	1.80	NUTGALLS, Chinese, bags	.17	.18	Peppermint leaves, imp, bales	.25	.25
Bands, No. 1 cases	1.00	1.05	Alepp, bags	.20	.22	Domestic leaf	.18	.20
Lyopodium, 88 lb cs	1.00	1.10	Powd.	.23	.23	Herb bla	.18	.20
MACE, Siawu, No 1	1.03	1.05	Nutmegs, 110s cases	.54	.54%	Peru Balsam, see Balsams	.16	.18
Bands, No. 1 cases	1.05	1.10	75s, 80s, cases	.54	.55	Pichi Leaves, bags	.11	.11%
Bateria, No. 2, cases	.88	.90	Grinding, bags	.48%	.49	Pimento Select, bags	.60	.65
West India, cases	.89	.90	Nux-Vomica Buttons, bags	.05	.06	Pink root, true bags	.15	.17
Mala Flowers, blue bales	.40	.45	Powdered, 200 lb bbls	.07%	.10	Pitch, Burgundy, see Burgundy Pitch	.13	.19
Black, bales	.60	.70	BAK BARK, red bags	.65	.68	Plantain Leaves, bales	.15	.17
Manaca Root, bales	.16	.20	White, bags	.08	.07	Flourish Root, bags	.09	.10
Manna, large flake cases	.64	.68	Olibanum Gum, Sift 280 lb cases	.10%	.12	Pois Berries, bags	.35	.35
Small flake cases	.45	.47	Tears, 280 lb cases	.22	.23	Of Fruit, bags	.23	.25
Sorts, cases	.40	.40	No. 1 all white 280 lb	.12	.14	Of Tree	.60	.65
Mandrake Root, bags	.11	.14	No. 2 280 lb cases	12.00	13.00	Poppy Flowers, red bags	.18	.20
Marjoram Leaves, German bales	.45	.48	Optum, gum, USP, cases	13.00	14.00	Head	.45	.45
Urican, bales	...	...	Granular, cans	...	...			

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## Crude Drugs

Poppy Seed, Dutch bags .....	.10	: .10%	Savory Leaves, bales .....	.08%	: .09%	Spruce Gum, boxes .....	1.00	: 1.50
German, bags .....	.09%	: .10	Saw Palmetto Berries, bags .....	.32	: .40	Squaw Vine, bales .....	.16%	: .19
Turkish, bags .....	.09	: .09%	Scammony Resin, boxes .....	1.35	: 1.50	Squills, white .....	.05	: .05%
Blue Indian, bags .....	.08%	: .09	Root bags .....	.08%	: .09	Powdered bulk .....	.12	: .15
White Indian, bags .....	.08	: .08%	Senega Root, bags .....	.65	: .70	Stavesacre Seed, bags .....	.30	: .33
Prickly Ash Bark, Southern, bags .....	.19	: .20	SENNA, Alex 150 lb cases .....	.22	: .23	Sticklac, 250 lb bales .....	.35	: .40
Northern bags .....	.14	: .15	Half Leaf, 150 lb cases .....	.13	: .15	Stillinga Root, bags .....	.09%	: .12
Berries, bags .....	.45	: nom	Siftings, 400 lb bales .....	.09	: .11	Stone Root, bags .....	.09	: .10
Prince's Pine, bales .....	.16	: .17	Powdered, 200 lb bbls .....	.13	: .14	St. Ignatius Beans, bags .....	.13	: .14
Quassia Herb, bags .....	.12	: .13	Tinnevely, Bold, 350 lb bbls .....	.14	: .17	St. John's Bread bags .....	.06	: .07
Quinnin Seed, bags .....	.18	: .20	Medium Leaf .....	.11	: .14	Stramonium Leaves, bales .....	.14	: .15
QUASSIA CHIPS, bags .....	.06%	: .07%	Small Leaf .....	.07%	: .11	Seed bags .....	.10	: .11
Quebracho, bk., 125 lb bbls .....	...	: .35	Powdered, 200 lb bbls .....	.09%	: .11	Strophanthus Seed, Hesperides .....	...	: nom
or the Meadow Herb, bags .....	...	: .66	Pods, 350 lb bales .....	.14	: .17	Kombe bags .....	...	: nom
Quince Seed, bags .....	.80	: .85	Serpentaria Root, bags .....	.78	: .85	Styrac, liquid artif. .....	.35	: .40
RAPE SEED, South Amer. bags .....	.66%	: .67	Shellac, D. C. bags .....	.73	: .75	Gen. USP .....	.45	: .60
Dutch, bags .....	.07	: .07%	V.S.O. bags .....	.73	: .75	Sunflower Seed, domestic bags .....	.05%	: .06%
Japanese, small, bags .....	.07%	: .08	Diamond L. bags .....	.73	: .75	South American, bags .....	.05	: .05%
Raspberries, dried bbls .....	.56	: .65	Superfine, Orange bags .....	.53	: .54	TAGALDER BARK, bags .....	.05	: .06
Red Saunders .....	.08%	: .09	T. N. bags .....	.48	: .51	Tamarinde, bbls .....	.05%	: .06
Rhatary Root bags .....	.10	: .12	Garnet, A. C. .....	.51	: .52	Keps .....	3.75	: 3.80
RHUBARB, Root, H.D. cases .....	.34	: .36	autos bags .....	.76	: .76	Tansy Herb, bales .....	.18	: .18
Powd. bbls, .....	.42	: .45	Bone Dry, bbls .....	.58	: .62	Tar, Barbadoes, 50 gal bbls .....	1.40	: 1.45
Rosemary Leaves, bales .....	.07	: .08	Sideritis Herb, cut bags .....	.15	: .18	Thus Gum, 280 lb bbls .....	.09%	: .10
Rosemary Leaves, bales .....	.06%	: .07	Simaruba Bark, bales .....	.08	: .09	Tilia, see Linden	...	: .09
Shipment .....	...	: .05	Skullcap Leaves, Eastern bales .....	.47	: .48	Thyme, Spanish bales .....	.08%	: .09
Flowers, cases bales .....	.35	: .40	Western bales .....	.24	: .26	French, bales .....	.08%	: .09
Rose Petals, pale .....	.37	: .38	Skunk Cabbage Root, bales .....	.13	: .16	Tolu Balsam, see Balsam	...	: .09
Red .....	1.50	: 1.60	Snake Root, Canada, natural bags .....	.32	: .35	Tonga Bark, bags .....	...	: nom
THE Herb. bales .....	.18	: .20	Stripped bags .....	.65	: .70	Root bis .....	...	: nom
SABADILLA SEED, bags .....	.25	: .30	SOAP BARK, whole, 150-200 lb .....	...	: .12	Vine bis .....	.75	: .80
Powder, bbls .....	.30	: .35	bales .....	.10	: .12	Tonka Beans, Angostura, cases .....	2.00	: 2.10
Saffron Flowers, Amer. Bales .....	.50	: .55	Cut, 125-175 lb bags .....	.09%	: .10%	Para, cases .....	.85	: .90
Valencia, 1 lb cans .....	28.00	: 30.00	Crushed, 200 lb bbls .....	...	: .11%	Surinam, cases .....	.85	: .90
Sage, Dalmatian, bales .....	.04%	: .05%	Spearment Leaves, American bales .....	.25	: .27	Tragacanth Gum, No. 1 ribbon .....	...	: 1.50
Greek, bales .....	.02%	: .03%	Spermaceti, blocks, cakes cases .....	.28	: .42	100 lb cs .....	...	: 1.50
Sassafras, bales .....	.05	: .05%	Spikenard Root, bags .....	.15	: .17	No. 2 .....	1.15	: 1.20
Sandalwood, chips, bags .....	.16	: .19	...	...	...	Powdered, 50 lb boxes .....	.87	: .92
Sassafras Gum, 300 lb bbls .....	.41	: .42	...	...	...	Turkish, cases .....	.45	: .85
Sarsaparilla Root, Honduras, bales .....	.67	: .70	...	...	...	...	...	...
Medican .....	...	: .30	...	...	...	...	...	...
Sassafras Bark, ordinary bales .....	.16	: .17	...	...	...	...	...	...
Select, bales .....	.27	: .30	...	...	...	...	...	...

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ESTABLISHED 1914

INCORPORATED 1918

## Essential Oils

## Essential Oils

Turner Root, Madras bags .....	.09	.09%
Alsepy bags .....	.09	.09%
Powdered .....	.13%	.14
China, bags .....	.09	.09%
Turpentine, Venice true 80 lb cs .....	.28	.29
Artificial, 80 lb cases .....	.11	.13
Spirits, see Naval Stores		
WICORN ROOT, false, see Helonias		
True, see Aletris		
1/2 Unit Leaves, bales .....	.05	.05%
VALERIAN ROOT, Belgian bags .....	.30	.35
Vanilla Beans Mex, whole cases .....	8.00	9.50
Cuts, cases .....	7.00	8.00
Bourbon, cases .....	4.00	7.00
South American, cases .....	..	6.50
Tahiti, yellow label cases .....	3.25	3.50
Green Label, cases .....	..	..
Vetivert Root, 100 lb bags .....	.35	.36
Yulet Flowers, bags .....	.80	.95
WANGO BARK, of root bags .....	.72	.73
Of Tree, bags .....	.30	.32
White Pine Bark, rounded, bags .....	.07 1/2	.08
White Poplar Bark, bags .....	.06	.07
Wild Cherry Bark, thin green		
Rosied, bales .....	.13	.13 1/2
Thick Rosied, bales .....	.07	.09
Thin Natural, bales .....	.09	.09 1/2
Thick Natural, bales .....	.10	.11
Willow bark, bags .....	..	.06
White, bags .....	..	.15
Willow Bark, bgs .....	.07 1/2	.09
Leaves, bales .....	.08 1/2	.09
Worm Seed, American, bags .....	.08	.08 1/2
Lemont, bags .....	3.00	3.25
Wormwood Herb, imported bales .....	..	.10
Yucca Gum, red .....	.04	.04 1/2
Ground .....	.05%	.06%
Yell Root (Zanthoxis) bgs .....	.16	.17
YELLOW DOCK ROOT, bags .....	.12	.14
Yell Parilla Root, bags .....	.16	.17
Yerb Santa, bags .....	.10	.11
Yohary Root, bags .....	.11	.12

Almond, Bitter, USP, 5 lb bot .....	3.00	3.25
Bitter fr PA 5 lb bot .....	3.15	3.35
Sweet, 5 lb cans .....	.85	1.00
Apricot, Kernel, 50 lb cans .....	.60	.65
Amber, crude, 25 lb tins .....	.50	.55
Rectified, 25 lb tins .....	.75	.82
Angelica Root, 1 lb bot .....	35.00	35.00
Anise Tech, 66 lb case .....	.70	.73
USP, 60 lb cans .....	.73	.75
Bay, 25 lb tins .....	2.15	2.25
Terpeneless .....	6.00	6.50
Bergamot, 25 lb coppers .....	5.50	6.00
Terpeneless .....	10.00	14.00
Artificial, 25 lb cans .....	2.00	2.20
Birch Tar, rect. 5 lb bot .....	.50	.60
Crude, 50 lb tins .....	.20	.25
Bois de Rose, tins .....	3.25	3.50
Cade, 25 lb cans .....	.30	.35
Cajuput, native, 50 lb tins .....	.75	.80
Calamus, 5 lb bot .....	3.75	4.00
Campor, Sassy 1000 lb drs .....	..	.14 1/2
White, 1000 lb drs .....	.11 1/2	.12
Cams, 50 lbs .....	.14	.14 1/2
Cananga, native, 25 tins .....	2.30	2.40
Rectified, 25 lb tins .....	2.75	3.00
Caraway, USP .....	1.05	1.75
Cardamom, USP, 1 lb bot .....	40.00	45.00
Carvol, 5 lb bot .....	8.75	9.75
Cascarilla, USP, 1 lb bot .....	50.00	52.00
CASSIA, 80-85% 400 lb .....	2.40	2.50
Redistilled USP, 50 lb cans .....	2.90	3.10
Cedar Leaf, 50 lb tins .....	.80	.90
Cedar Wood, light 1000 lb drs .....	.55	.57
Celery, 1 lb bot .....	9.50	10.00
Chaulmoogra, 80 lb cases .....	.85	.90
Cinnamon, Ceylon, 1 lb bot .....	10.50	11.00
Leaf, 5 lb bot .....	1.40	1.50

WINDMILLA, Ceylon		
1000 lb drums .....	.48	.50
50 lb tins .....	.50	.52
Java, 400 lb drums .....	.85	.95
50 lb tins .....	.90	1.00
Cloves, USP, 50 lb cans .....	1.85	1.90
6 lb bot .....	1.95	2.00
Copaiba .....	.40	.45
Coriander, USP, 1 lb bot .....	9.25	9.75
Croton, USP, 25 lb tins .....	.90	1.00
Cubeba, USP, 5 lb bot .....	4.50	4.75
Cumin, 1 lb bot .....	10.50	11.00
Dill, 25 lb cans .....	3.75	4.00
Erigeron 20 lb tins .....	5.50	6.00
EUCALYPTUS, Austl USP,		
56 lb cs .....	.55	.56
500 lb drums .....	.55	.56
Fennel, USP, 25 lb tins .....	.80	.85
Geranium, African, 25 lb cans .....	5.00	5.25
Bourbon, 25 lb tins .....	4.00	4.25
Turkish, 25 lb tins .....	3.75	4.00
Ginger, 1 lb bot .....	10.00	11.00
Gingergrass, 25 lb tins .....	2.50	2.75
Hemlock, 25 lb tins .....	.82	.85
Juniper Berries, USP, 25 lb tins .....	2.25	2.45
Wood, 50 lb tins .....	.50	.60
Lavender USP, 25 lb tins .....	5.25	5.75
Spike, Spanish, 50 lb cans .....	1.10	1.50
LEMONGRASS, Ital USP, 25 lb cans .....	2.00	2.25
Terpeneless .....	8.00	10.00
American, USP, 25 cans .....	1.90	2.00
Lemongrass, native 50 lb cans .....	1.10	1.20
Limes, expressed 25 lb tins .....	4.75	5.25
Distilled, 25 lb tins .....	2.30	2.50
Linaloe Mex, 80 lb cases .....	3.25	3.50
Mace, distilled, 50 lb tins .....	1.80	1.85
Mirbane, ref., see Ar. Chemicals		
Mustard, USP, 1 lb bot .....	14.00	14.25
Artif, USP, 5 lb bot .....	2.10	2.25
Neroli, Bigarde 1/2 & 1 lb bot .....	75.00	100.00
Petalae, 1 lb bot .....	100.00	125.00
Artificial, 1 lb bot .....	10.00	20.00

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## Essential Oils

Nutmeg, USP, 25 lb tins	1.80	1.85
Orange, bitter, 25 lb tins	2.65	2.75
Sweet W Ind, 25 lb tins	2.55	2.75
Italian, 25 lb cop	2.75	3.00
American, 25 lb tins	2.75	3.00
Distilled, 25 lb tins	1.70	1.75
Spanish, 25 lb tins	2.75	3.00
Origanum, 50 lb cans tech.	.25	.28
Fansley, 1 lb bot	3.50	3.60
Patchouli, 5 lb bot	4.50	5.00
Pennyroyal, dom., 25 lb tins	2.50	2.75
Imported, 25 lb tins	2.25	2.50
PEPPERMINT nat 60 lb cases	16.50	17.00
Redia, USP, 60 lb cases	18.00	18.50
Petit Grain, S.A. 25 lb tins	2.25	2.30
French, 1 lb bot	6.50	7.00
Italian, 25 lb tins	2.20	2.30
Pimento, 25 lb tins	4.50	5.00
Pinus Sylvestris 25 lb tins	1.40	1.75
Pumilio, USP, 25 lb tins	2.25	2.50
Rose, Fr., 8, 16, & 32 oz. pgs.	9.00	9.50
Bulg., 8, 16 & 32 oz. pgs.	9.50	11.00
Artificial, 1 lb bot	2.00	2.75
Rosemary, USP, 27 1/2 lb tins	.47 1/2	.52 1/2
1000 drums	.45	.47
Tech. 27 1/2 lb tins	.37 1/2	.38
Rue, 1 lb bot	...	4.00
Sandalwood, E. Ind. USP, 75 lb cases	7.00	7.10
W. Indian (Amayria) 25 lb tins	2.25	2.35
Sassafras, USP, 50 lb cans	.80	.90
Artificial, 1000 lb drs. 60 lb cans	.27	.29
Savin, 50 lb tins	2.00	2.15
Spearmint USP, 60 lb cases	12.00	12.50
Spruce, 50 lb tins	.82	.85
Tansy, Amer., 20 lb tins	5.50	7.00
Tar, 50 gal bbls	.25	.30
Refined, USP, 25 lb tins	...	...
Thyme, red, USP, 25 lb tins	.80	.85
White, USP, 25 lb tins	.95	1.00
Tech, 110 lb drums	.65	.70

Vetivert, Bourbon, 1 lb bot	14.00	16.00
Indian, 1 lb bot	30.00	40.00
Java, 1 lb bot	20.00	22.00
Wine, heavy, 1 lb bot	...	1.50
<b>WINTERGREEN</b>		
Sweet beh., 25 lb tins	2.50	3.00
Southern, 25 lb tins	1.85	2.00
Gaultheria, true 25 lb tins	7.00	8.00
Southern, 25 lb tins	3.75	4.00
Synthetic, see Methyl Salicylate		
Wormseed, Balt USP, 25 lb tins	4.50	4.75
Wormwood, dom., 25 lb tins	5.50	7.00
Ylang Ylang, Bourbon, 10 lb tins	...	...
No 1	8.00	9.00
No 2	6.00	7.00
Manila, 1 lb bot	35.00	40.00

### OLEORESINS

Aspidium, USP, 1 lb bot	2.00	2.25
Japicium, USP, 1 lb bot	2.00	2.25
Cubeb, USP, 1 lb bot	4.00	4.50
Niger, 5 lb bot	3.25	3.50
Valerian, see Aspidium		
Orris, 1 lb bot	15.00	18.00
Pepper, black USP, 1 lb bot	3.50	3.75
Vanilla, 1 lb bot	12.50	16.50

## Aromatic Chemicals

### NATURAL DERIVATIVES

Anethol, 2 lb bot	1.00	1.25
Borneol, 1 lb bot	2.50	2.60
CITRAL, 25 lb cans	2.75	3.00
Citronellal 1 lb bot	3.50	3.00
EUCALYPTOL, USP, 50 lb cans	.90	.95
Eugenol, USP, 25 lb cans	2.75	3.00
Geraniol, Domestic, 50 lb cans	2.50	3.00
Imported, 5 lb bot	2.75	3.25
Iso-Eugenol, 1 lb bot	3.75	3.90
Imported	3.75	3.90

Linalool, 5 lb bot	6.00	6.25
From Bois de Rose, 5 lb bot	7.00	7.25
MENTHOL, 60 lb cases	9.75	10.00
less cases, 5 lb cans	10.00	10.25
Rhodinol, 1 lb bot	16.00	20.00
Extra, 1 lb bot	35.00	42.00
SAFROL, drums	...	.31
60 lb cans	...	.33
Thymol, USP, 25 lb tins	4.00	4.10

### SYNTHETIC AROMATICS

Acetophenone, CP 1 lb bot	3.50	3.75
Aldehyde, C-8 (Octyl) 1 lb bot	45.00	60.00
C-9 (Nonyl), 1 lb bot	70.00	75.00
C-10 (Decyl), 1 lb bot	50.00	58.00
C-12 (Dodecyl), 1 lb bot	27.50	32.50
C-14, 1 lb bot	22.50	25.00
C-16, 1 lb bot	70.00	80.00

Aubepine, see Anisic Aldehyde	...	...
Amyl Acetate, pure 5 gal cans	4.75	5.50
Butyrate, 1 lb bot	1.90	2.00
Cinnamate, 1 lb bot	4.00	4.50
Formate, 1 lb bot	1.75	2.00
Phenyl Acetate, 1 lb bot	4.50	5.00

SALICYLATE, dom. 100 lb chys	1.45	1.50
Imported	2.25	2.50
Valerate, 5 lb bot	2.75	3.00
Anisic Aldehyde, 1 lb bot	3.00	3.25
BENZALDEHYDE, USP, 40 lb chys	1.15	1.25
FFC, 40 lb chys	1.30	1.40
Imported, USP	1.10	1.25

Benzic Ether, See Ethyl Benzoate	...	...
Benzophenone 1 lb bot	4.50	5.00
Benzyl Acetate, 100 lb chys	1.30	1.40
Alcohol, 5 lb bot	1.40	1.50
BENZOATE 5 lb bot	1.35	1.40
Medicinal FFC	1.45	1.60
Butyrate, C.P., 1 lb bot	6.00	6.50
Cinnamate 1 lb bot	9.75	10.00
Formate, 1 lb bot	3.00	3.25

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Geranyl Propionate, 1 lb bot	5.00	5.25
Geranyl Acetate, 1 lb bot	3.25	3.50
Bromistyl, 25 lb cases	3.75	4.25
Anthracidate, 1 lb bot dom		12.00
Butyric Ether, See Ethyl Butyrate		
Cinnamic Acid, 5 lb cans	3.00	3.25
Alcohol, liquid 1 lb bot	6.00	7.00
Crystallizable	7.00	8.00
Aldehyde	8.00	8.25
CITRONELLOL, 1 lb bot	7.50	9.00
Imported 1 lb bot	7.75	9.00
Citronallyl Acetate, 1 lb bot	13.00	14.00
COUMARIN, 25 lb cans	3.10	3.25
DIETHYL PHTHALATE, See Chemicals		
Diphenyl oxide, 25 lb tins	.85	.90
Ethyl Acetate, pure, 5 lb bot	.45	.50
Benzoate, 5 lb bot	1.75	1.90
Butyrate, 5 lb bot	1.90	2.10
Caproate, 1 lb bot	3.25	3.50
Cinnamate, 1 lb bot	3.50	3.75
Formate, 5 lb bot	.90	1.25
ethyl-methyl Paracresol, 1 lb bot	3.25	3.50
Ethyl Phenylacetate, 5 lb bot	3.75	4.00
crotonate, 1 lb bot	1.75	2.00
Valerate, 5 lb bot		3.75
Salicylate, 5 lb bot	2.00	2.10
Formic Ether, See Ethyl Formate		
Geranyl Acetate, 1 lb bot	4.50	5.00
Butyrate, 1 lb bot	13.00	13.50
Formate, 1 lb bot	12.00	12.50
Sellotropin, dom., 100-10 lb	1.85	2.00
Imported	2.00	2.25
hydroxycitronellal, 1 lb bot	12.00	14.00
Indol, CP, 1 ea. bot	6.00	6.50
Isonone, 1 lb bot 100%	10.00	11.00
Alpha	14.50	16.00
Beta	12.75	14.50
Methyl	16.00	18.00
iso-Butyl Benzoate, 5 lb bot	4.75	5.00

iso-Safrol, 1 lb bot imp	3.75	4.00
Domestic, 5 lb bot	3.50	3.75
Linalyl Acetate, 1 lb bot	8.00	9.50
Benzoate, 1 lb bot	13.00	14.00
Formate, 5 lb bot	10.50	12.00
Methyl Acetophenone	3.75	4.00
ANTHRANILATE dom. 1 lb bot	2.50	3.25
Imported	2.50	3.00
Benzoate, 5 lb bot import	1.90	2.00
Domestic, 5 lb bot	1.75	2.00
Cinnamate, 1 lb bot	3.75	4.25
Heptenone, 1 lb bot	8.00	8.50
Paracresol, 1 lb bot	8.00	9.00
Phenylacetate, 5 lb bot dom	3.75	4.00
SALICYLATE, USP 500 lb		
drums		.43
50 lb cases		.45
Second Hands		.43
Mirbane, rect. 1000 lb drums	.10	.12
Musk Ambrette, 1 lb case	10.00	10.50
Ketone, 1 lb case	11.50	12.00
Xylene, 5 lb case	8.25	8.50
Nerolin, 1 lb case	1.50	1.60
Oenanthe Ether, 1 lb bot	1.75	2.00
Para-Cymene, Refd., 110 gal. dr. gal	2.25	2.50
Phenylacetate, 1 lb bot	8.00	8.50
Imported, 50 p.e.	7.00	7.50
80-85 p.e.	14.00	16.00
Phenylacetic Acid, 1 lb bot	3.00	3.25
Phenyl Diacetate, 100 bot	3.25	3.50
1 lb bot	8.00	10.00
Imported	7.00	7.75
Phenylethyl Alcohol, 1 lb bot	6.00	7.00
Phenylethyl Butyrate, 1 lb bot	26.00	28.00
Formate, 1 lb bot	19.00	21.00
Propionate, 1 lb bot	20.00	24.00
Valerate, 1 lb bot	25.00	29.00
Phenylpropylalcohol, 1 lb bot	15.00	16.00
Skatol, 1 ea. bot	7.00	7.25

Terpinyl Acetate 25 lb cans	1.25	1.55
Imported, 25 lb cans	1.25	1.35
TERPENEOL, CP, 1000 lb drs	.33	.37
Cans, 50 lb	.37	.40
Absolute, 25 lb cans	.50	.60
Imported, 25 lb cans	.40	.42
VANILLIN, USP, 500 oz cans		.44
Cans, 16 oz, 80 oz	.45	.46
Second Hands	.40	.43
Valerianic Ether, See Ethyl Valerate		
Yara Yara, 1 lb cans	1.50	1.90
PERFUMERY SUBSIDIES		
Almond Meal, 25 lb cans	.24	.25
Amber, liquid, 400 lb drs	2.30	2.50
Ambergris, black, bxs	8.00	10.00
Ambergris, gray, bxs		26.00
Balsam Copaiba, Yara, 80 lb cases	.42	.45
South American, 80 lb cases	.44	.47
Peru, 120 lb cases	1.75	1.80
Tolu, 90 lb cases	1.40	1.50
Benzoin Gum, Siam, bxs	1.30	1.35
Castoreum, 1 lb bot	3.75	4.00
Chalk, precip. light, 175 lb bbls	.04%	.05
Cherry Laurel Water, 5 gal cans	1.15	1.25
Civet Abyssin horns	2.10	2.25
Labdanum, 5 lb bot	7.50	8.00
Lanolin hydrous, 350 lb bbls	.15	.21
Anhydrous, 350 lb bbls	.18	.23
Musk pods, Cabardine, tins	16.00	17.00
Tonquin, tins	22.00	25.00
Grains Cabardine, tins	25.00	26.00
Tonquin, tins	24.00	25.00
Synthetic, See Aromatic Chemicals		
Orris Rt, Flor., powd bbls	.12	.13
Verona, powd bbls	.10	.11
Petrolatum, snow white 350 lb bbls	.13%	.14
Light Amber, 350 lb bbls	.04%	.05%
Rice Starch, 140 lb bps	.09	.10
Rose Water, 6-3 gal chys	1.00	1.25
Sandalwood chips, powd. bags	.45	.55
Saponin, 5 lb tins	1.15	1.30
Talc, Italian, 220 lb bps	60.00	80.00
French, 220 lb bags	40.00	45.00
Domestic, ref., 100 lb bags	14.00	15.00



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# Imports of Chemicals, Dyestuffs, Drugs, etc.

Imports at New York, Oct. 3 to Oct. 10

**ACIDS**—Lactic, 58 cs., Mallinckrodt Chem Works, Rotterdam; **Oxalic**, 17 cs., E Suter & Co., Rotterdam; **Stearic**, 200 bgs., Strohmeyer & Arpe Co., Rotterdam; **Tartaric**, 90 kgs., 200 brls., W Neuburg, Rotterdam  
**ALBUMEN**—55 cs., Standard Bank of So Africa, Hankow; 105 cs., Nat City Bank, Hankow; 56 cs., Mech & Metals Nat Bank, Hankow; 84 cs., J H Schroeder Banking Corp., Hankow; 10 cs., Order, Hankow; 30 cs., Henningsen Bros., Shanghai  
**ALCOROL**—Butanol, 303 drs., C mm Solvent Corp., Bordeaux; **Denatured**, 100 brls., C. Esteve, San Juan  
**ALOES**—380 cs., R. Desvernine, Curacao  
**ALUM**—124 brls., Innis Speiden & Co., Hull  
**AMMONIUM**—Carbonate, 10 brls., J Turner & Co., Liverpool; **Persulfate**, 20 kgs., Mallinckrodt Chem Works, Liverpool  
**ANTIMONY**—700 cs., Order, Hankow; 150 cs., Union Trust Co., Changsha; 100 cs., Order, Changsha; **Oxide**, 50 bgs., Amer Exch Nat Bank, Hankow; 250 bgs., Order, Hankow; **Sulfuret**, 12 cs., Order, London; **Regulus**, 250 cs., Standard Bank of So Africa, Changsha; 1,000 cs., Grace Nat Bank, Hankow; 250 cs., Farmers Loan & Trust Co., Hankow; 1,000 cs., Intern Banking Corp., Hankow; 2,250 cs., Order, Hankow; 250 cs., Marvin & Co., Hongkong; 150 cs., Wah Chang Trdg Co., Hankow  
**ARGOLS**—47 cs., Royal Baking Powder Co., Naples; 98 bgs., C Pfizer & Co., Lisbon  
**ARSENIC**—60 drs., Pfaltz & Bauer, Hamburg; 37 cs., 25 cs., Order, Antwerp; 1,556 brls., American Smelting & Ref Co., Tampico  
**BARIUM**—Chloride, 66 cs., R W Greeff & Co., Antwerp; **Nitrate**, 84 cs., Hummel & Robinson, Rotterdam

**BAKE**—24 bls., Peek & Velsor, Hamburg; **Cascarilla**, 57 bls., Andean Trdg Co., Cristobal; **Quillay**, 22 bgs., W R Grace & Co., Talcahuano; **Snakeroot**, 3 bls., Cohen & Co., Nassau  
**BAY RUM**—25 brls., Hudson Tea Co., San Juan  
**BLANC FIXE**—8 brls., A. Hurst & Co., Hamburg  
**CASEIN**—267 bgs., Equit Trust Co., Bordeaux; 57 bgs., Order, Bordeaux; 133 bgs., Amer Machine & Foundry Co., Bordeaux; 268 bgs., Atlantic Nat Bank of Boston, Bordeaux; 67 bgs., Order, Bordeaux  
**CHALK**—1,170 bgs., Nat City Bank, Antwerp; 250 bgs., Grace Nat Bank, Antwerp; 1,000 bgs., Order, Antwerp; 500,000 kilos., Amer Exch Nat Bank, Dunkirk; 816,180 kilos., J W Higman Co., Dunkirk; 350 bgs., H J Baker & Bros., Bristol  
**COAL TAR**—Distillate, 106 drs., Monsanto Chem Works, Liverpool; 93 drs., Order, Liverpool; **Preparation**, 1 ek., Franklin Import & Export Co., Hamburg  
**COCHINEAL**—23 cs., Order, Marseilles  
**COLORS**—2 brls., Farmers Loan & Trust Co., Antwerp; 4 cs., Chem Nat Bank, Antwerp; 2 cs., Irving Bank, Antwerp; 9 cs., Chem Nat Bank, Genoa; 2 cs., L Uhlfelder & Co., Bremen; 6 cs., J W Warnecke Corp., Rotterdam; 38 cs., General Dyestuff Corp., Rotterdam; 2 cs., B P Ducas Co., Rotterdam; 54 cs., 9 cs., 4 pgs., Kuttroff Pickhardt Co., Rotterdam; 2 cs., Franklin Import & Export Co., Hamburg; 11 cs., Fezandie & Sperrle, Hamburg  
**COPPER**—Sulfate, 380 bgs., Order, Liverpool; 5 cs., A J Marcus, Bordeaux  
**CREOSOTE**—Medicinal, 2 cs., Tilden Co., London

**EPSOM SALTS**—10 cks., Goldschmidt Corp., Hamburg  
**ERGOT**—20 bls., Chemical Nat Bank, Rotterdam  
**EXTRACTS**—Logwood, 10 brls., T S Todd & Co., Monre Cristi; **Mangrove**, 500 bgs., Order, Singapore; **Quebracho**, 11,604 bgs., Tanning Corp., Buenos Aires; 2,000 bgs., Intern Products Co., Buenos Aires  
**GALLNUTS**—400 bgs., 120 cs., Order, Hankow  
**GAMBIER**—340 cs., Guaranty Trust Co., Asahan; 510 cs., Order, Asahan; 425 cs., Arbutnot Latham & Co., Asahan  
**GELATIN**—74 brls., Order, Hamburg; 60 cs., Amer Express Co., Rotterdam; 173 brls., H A Sinc'air, Rotterdam  
**GLAUBER SALTS**—14 cks., Amer Aniline Products Co., Bremen  
**GLUE**—17 brls., C B Richard & Co., Antwerp; 33 bls., 40 brls., Miller Company, Antwerp; 100 bgs., W. E. Miller Co., Antwerp; 60 bgs., G H Hommel, Hull; **Fish**, 30 cs., Order, Glasgow  
**GLYCERIN**—20 drs., Marx & Rawolle, St. Nazaire; 45 drs., Order, Antwerp; 140 cks., Marx & Rawolle, Marseilles; 48 brls., Marx & Rawolle, Barcelona; 160 drs., Order, Barcelona; 20 drs., Marx & Rawolle, Belfast; 20 drs., Marx & Rawolle, Marseilles  
**GUMS**—16 bls., Amer Exp Co., Havre; 50 bgs., Thurston & Braidich, Bordeaux; **Animal**, 34 cs., S Winterbourne & Co., London; **Arabic**, 69 bgs., Order, Antwerp; 96 bgs., Thurston & Braidich, London; **Copal**, 140 bgs., Chem Nat Bank, Antwerp; 783 bgs., Order, Antwerp; 107 bkts., A. Klipstein & Co., Rotterdam; 128 bgs., Nat Provincial Bank, Singapore; 396 bags, Baring Bros. & Co., Singapore; 50 cs., L C Gillespie & Sons, Singapore; 64 bags, Or-

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der, Singapore; 200 sks. Grace Nat Bank, Manila; 140 bgs. Baring Bros & Co., Singapore; 128 bgs. Chemical Nat Bank, Singapore; 274 bgs. L C Gillespie & Co., Singapore; 50 cs., Nat City Bank, Batavia; 50 cs., Central Union Trust Co., Batavia; 50 cs., Irving Bank, Batavia; 100 cs., Chem Nat Bank, Batavia; 250 cs., Order, Batavia; 50 cs., 70 bgs. Baring Bros & Co., Batavia; 128 bgs. Guaranty Trust Co., Batavia; 200 cs., Standard Bank of So Africa, Padang; 100 cs., Mech & Metals Nat Bank, Padang; 128 bgs., 50 cs., Guaranty Trust Co., Singapore; 256 bgs., Brown Bros & Co., Singapore; 128 bgs., Order, Singapore; 206 cs., Baring Bros., Singapore; 100 cs., L C Gillespie & Co., Singapore; 25 cs., Order, Singapore; 128 cs., Guaranty Trust Co., Singapore; 128 cs., Order, Constantinople; 70 cs., Dagon, 37 cs., A D Ischeterian, Constantinople; 6 cs., Order, Constantinople; 70 cs., 8 bgs., C O Tappan, Cristobal; 70 cs., 6 bgs., Schutte & Focke, Azua; 214 bgs., Guaranty Trust Co., London; 27 cs., Order, Piraeus; 200 bgs., Order, Malacca; 53 bgs., Order, Marseilles; 53 bgs., Guaranty Trust Co., London; 37 bgs., 14 cs., Bank of Montreal, London; 27 bgs., Order, London.

**INSECTICIDES**—13 cs., Haynes Chem Co., Shanghai.

**MAGNESIUM**—Calcined, 10 cs., Order, Leith; Carbonate, 16 cs., A Hurst & Co., Leith.

**MANURE SALT**—227,055 kilos, of 30 per cent. Potash Imp't Corp. of America, Hamburg; 273,047 kilos, 20 per cent., Potash Imp't Corp. of America, Hamburg.

**MINERAL WHITE**—100 bgs., Whittaker Clarke & Daniels, Hull.

**NICKEL SULFATE**—25 csks., Amer Nickel Co., Liverpool; 100 csks., Gallagher & Ascher, Bristol.

**OILS**—Coconut, 638 tons, Philippine Ref Co., Manila; Cod, 200 csks., Kidder Peabody & Co., St. Johns; 100 csks., Cook & Swann, St. Johns; Codliver, 1 bbl., F M Turner, St. Johns; Linseed, 300 drs., Intern Composition Co., Hull; Palm, 208 csks., D Bacon, Liverpool; 60 bbls., Order, Liverpool; 120 csks., African & Eastern Trdg Co., Liverpool; 62 drs., 107 csks., 149 bbls., Order, Liverpool; 104 csks., 85 drs., Raynor & Stonington, Hull; 208 csks., 120 bbls., African & Eastern Trdg Co., Hull; 260 bbls., Nat City Bank, Hull; 91 csks., 400 bbls., Order, Hull; 797 tons, Order, London; Rapeseed, 350 bbls., J C Francesconi, Hull; 100 bbls., Bankers Trust Co., Hull; 125 bbls., Order, Hull; Spermin, 50 bbls., Order, Glasgow; Wood, 150 csks., Irving Bank, Hankow; 360 csks., 664 tons, 19 cwt., Order, Hankow; 288 csks., Irving Bank, Hankow; 150 csks., Order, Hankow; 650 tons, Nat City Bank, Hankow; 979 csks., 600 bbls., Order, Hankow; 290 bbls., Sullivan Co., Shanghai.

**OILS ESSENTIAL**—1 case, Lo Curto & Funk, Southampton; 200 cs., Amer Shpg Co., Bordeaux; 6 drs., G Lueders & Co., Bordeaux; 2 drs., Equit Trust Co., Batavia; 4 drs., Goldman Sachs & Co., Batavia; 8 cs., Order, Batavia; 200 bbls., Ital Amer Shpg Corp., Naples; 71 cs., Dodge & Olcott Co., London; 1 case, Ungerer & Co., Marseilles; 5 cs., Orbis Products Trdg Co., Marseilles; 23 cs., 9 cs., A Chiris & Co., Marseilles; 2 drs., Dodge & Olcott, Marseilles; Almond, 41 cs., E Maurer & Co., Marseilles; Anise, 10 drs., Bank of Manhattan Co., Hongkong; 5 drs., Hymes Bros Co., Hongkong; 25 drs., Brown Bros & Co., Hongkong; Camphor, 2 csks., Lo Curto & Funk, Marseilles; Cassia, 20 cs., Order, London; Cinnamon, 3 csks., Chem Nat Bank, Marseilles; 16 csks., Order, Marseilles; Citronella, 4 drs., Order, Batavia; 9 drs., Bank of N Y & Trust Co., Colombo; Geranium, 22 csks., J Manheimer Inc., Marseilles; 3 csks., Coupey Inc., Marseilles; 87 drs., Davies Turner & Co., Marseilles; Lemon, 45 cs., Bank of Manhattan Co., London; Lemongrass, 4 drs., Order, London; Lavender, 3 drs., Order, Marseilles; Orange, 1 drum Coupey Inc., Marseilles; Peppermint, 1 case, J R Watkins Co., Rotterdam; Petit Grain, 22 cs., Grace Nat Bk., Buenos Aires; Rosewood, 6 drs., G Lueders & Co., St. Nazaire; 2 drs., Credito Comm De France, St. Nazaire; 1 drum, W E Peck & Co., Para; Ylang Ylang, 3 cases, 1 case, United Fruit Co., Cristobal.

**POTASSIUM SALTS**—36 csks., Brown Bros J B Horner & Co., Manila; Wintergreen, & Co., Bremen; Alum, 269 bbls., Order, Genoa; Carbonate, 43 csks., Parsons & Petit, Hamburg; Caustic, 28 drs., Innis Speiden & Co., Rotterdam; Chlorate, 1,350 csks., Sealord Nat Bank, Hamburg; Murate, 200 bgs. Potash Imp't Corp. of America, Hamburg; Perchlorate, 96 bbls., W R Grace & Co., Tocopilla; Prussiate, 18 kegs., C Tennant Sons & Co., Liverpool; Sulfate, 106 bbls., Potash Imp't Corp., Bremen; Sulfogualacol, 9 cs., Norvell Chem Corp., Hamburg.

**QUICKSILVER**—20 flasks, Norvell Chem Corp., Vera Cruz; 250 flasks, Order, Genoa; 250 flasks, Order, Genoa; 100 csks., H W Peachody & Co., Alicante.

**QUININE**—3 cs., R W Greiff & Co., Rotterdam; 4 cs., W Van Doorn, Rotterdam.

**ROOT**—240 bbls., Order, Marseilles; Arrow, 11 cs., J P Smith & Co., London; Broom, 30 bgs., H Triest & Co., Vera Cruz; Canagria, 46 bgs., Order, Vera Cruz; Ipecac, 2 bgs., Ultramarcs Corp., Cartagena; 6 bgs., Amsinck Sonne & Co., Cartagena; Jalap, 3 sks., H Triest & Co., Vera Cruz; Licorice, 3 bbls., Order, Smyrna; Oris, 56 bgs., Order, Leghorn; Sarsaparilla, 6 bbls., Yglesias & Heinlein, Puerto Cortes; 25 bbls., Eggers & Rosin—75 cs., Lekas & Drivas, Marseilles; 100 cs., J Papadeas, Marseilles; 50 bbls., Order, Bordeaux.

**SEEDS**—Anise, 160 bgs., Order, Malaga; Anatto, 3 bgs., Colonial Bank, Kingston; Canary, 1,020 sks., J O'Hana, Rotterdam; 810 bgs., Order, Buenos Aires; 50 bgs., Amer Hawaiian S S Co., Malaga; Cerauay, 206 bbls., French Krems Co., Rotterdam; 300 bbls., French Krems Co., Rotterdam; 300 bbls., Sokol & Co., Rotterdam; 100 bgs., A Granowitz, Rotterdam; 100 bgs., C J Sperco & Son, Rotterdam; 100 bgs., Wood & Selick, Rotterdam; 200 bgs., Hardick Dean & Co., Rotterdam; 500 bgs., R J Sassoon & Co., Rotterdam; 200 bgs., Order, Rotterdam; Castor, 20 bgs., A Behrens & Co., Port Au Prince; Celery, 10 csks., Order, Marseilles; Cumin, 584 sks., Order, Marseilles; Fenugreek, 168 sks., Order, Marseilles; Mustard, 100 bbls., A G Dunn, Rotterdam; 396 bgs., Catz Amer Co., Rotterdam; 150 bbls., Archibald & Lewis, Rotterdam; 28 bgs., T S Todd & Co., Rotterdam; 10 bgs., W Van Doorn, Rotterdam; 70 bgs., 93 bbls., Order, Rotterdam; 55 bgs., Order, Liverpool; 150 bgs., Order, London; Poppy, 100 bgs., Levy & Lewis, Rotterdam.

**SOAP**—30 cs., M Levy, Antwerp; 60 cs., L Cahn, St. Nazaire; 500 csks., Leghorn Trdg Co., Leghorn; 500 csks., C L Huisking, Leghorn; 500 bxs., J D Nordlinger, Leghorn; 200 cs., Equit Trust Co., Barcelona; 28 cs., Roense & Co., Marseilles; 73 cs., V De Messimy, Marseilles.

**SHELLAC**—200 bgs., A Helmrath Inc., Hamburg; Sticklac, 4 cs., D L Silverman, Penang; 180 cs., Order, Marseilles.

**SILVER**—Sulfide, 8 cs., Goldsmith & Co., South Pac Ports; 1 case, Amsinck Sonne & Co., South Pac Ports.

**SODIUM SALTS**—Bromide, 5 cs., Lo Curto & Funk, Hamburg; Chlorate, 300 csks., Sealord Nat Bank, Hamburg; Fluosulfate, 100 bbls., H Sundheimer, Rotterdam; Hydro-sulfate, 10 kegs., R R Street & Co., Liverpool; Hyposulfate, 100 bgs., T E Wallace, Antwerp; Nitrate, 7,045 bgs., W R Grace & Co., Antofagasta; 600 sks., W R Grace & Co., Iquique; 1,016 bgs., Knutroff Pickhardt & Co., Hamburg; Peroxide, 20 cs., Cooper & Cooper, Havre; Prussiate, 46 csks., C Tennant Sons & Co., Rotterdam; Sulfidate, 135 drs., C S Grant & Co., Rotterdam.

**SULFUR**—10 csks., Mallinckrodt Chem Wks., Liverpool; 200 cs., Heemsoth Basse Co., Bordeaux.

**TALC**—500 bgs., L A Salomon & Bro., Bordeaux; 250 bgs., Moore & Munger, Bordeaux; 200 bgs., C B Chrystal & Co., Bordeaux; 100 bgs., A Boet, Bordeaux; 200 bgs., Whittaker Clarke & Daniels, Bordeaux.

**TARTAR**—1,472 bgs., Tartar Chem Works, Buenos Aires; 554 bgs., C Pfizer & Co., Marseilles; 751 sks., Tartar Chem Works, Marseilles; 392 sks., H W Kehoe, Marseilles; 98 bgs., C Pfizer & Co., Lisbon; Cream, 75 bbls., C L Huisking & Co., Genoa.

**TERPINEOL**—25 cs., Pfaltz & Bauer, Rotterdam.

**THORIUM**—Cerium Nitrate, 5 cs., Pfaltz & Bauer, Bremen.

**ULTRAMARINE**—50 csks., Ault & Wiborg Co., Hull.

**UMBER**—3 bgs., L H Butcher & Co., Hull.

**VANILLA BEANS**—4 cs., Order, Vera Cruz; 11 cs., Order, Marseilles; 36 cs., Amer Exch Nat Bank, Marseilles; 23 cs., Thurston & Braidich, Marseilles; 66 cs., Bank of N Y & Trust Co., Marseilles; 7 cs., Order, Marseilles; 29 cs., Thurston & Braidich, Bordeaux.

**VERDIGRIS**—20 csks., A Klipstein & Co., Marseilles; 3 csks., C G Enler, Marseilles; 3 cs., J Manheimer, Marseilles; 2 drs., Davies Turner & Co., Marseilles.

**WAX**—90 bgs., Nat Bank of Commerce, Alexandria; 81 bbls., Order, Palermo; Animal, 2 bgs., Order, Hamburg; Bees, 8 sercons, J J Schall & Co., Puerto Plata; 2 sercons, J J Julia & Co., Monte Cristi; 10 bgs., J M Petit Monte Cristi; 25 bgs., Order, Havana; Paraffin, 4,900 bgs., Asiatic Petroleum Co., Balikpapan; Vegetable, 167 bgs., Bergstrom Stoeve & Co., Hamburg.

**WHITING**—5,684 bgs., Taintor Trdg Co., Dunkirk; 1,600 bgs., Scott Libby Co., Havre; 500 bgs., L A Salomon & Bro., Havre.

**WITHERITE**—1,000 bgs., R N Greiff & Co., Middlesborough; 500 bgs., Philipp Bros Inc., Middlesborough.

**WOODFLOUR**—425 bgs., E M Seargent Co., Gothenburg.

**ZINC**—Ammonium Chloride, 14 csks., A Klipstein & Co., Antwerp; White, 60 csks., E M & F Waldo Bros., Rotterdam.

## IMPORTS AT PHILADELPHIA

Sept. 30 to Oct 7

**ACID**—Formic, 80 chys., Order, Rotterdam; Oxalic, 19 csks., Order, Hamburg.

**AMMONIUM**—Bifluoride, 15 bbls., Order, Hamburg; Chloride, 60 drms., Order, Hamburg; 290 csks., Order, Rotterdam.

**BARK**—Cinchona, 1 bx., Powers-Weightman, Rosengarten Co., Rotterdam; 898 bbls., Order, Rotterdam.

**BARYTES**—500 bgs., Harshaw, Fuller & Goodwin Co., Rotterdam.

**BISMUTH**—21 cs., Powers-Weightman Rosengarten Co., London.

**CASEIN**—158 pkgs., Order, Rotterdam.

**CHALK**—25 csks., H J Baker & Bro., Liverpool; 500 tons, Brown Bros. & Co., London; 50 bgs., Order, Antwerp.

**GLAUBER SALTS**—230 bgs., Order, Rotterdam.

**GLYCERIN**—160 drms., Order, Dunkirk; 20 csks., Order, Havre; 16 csks., Order, Havre; 15 cs., Order, Havre; 70 csks., Order, Marseilles; 40 csks., Order, Marseilles; 19 csks., Order, Marseilles; 1,434 drms., Order, Manchester; 20 drms., Order, Antwerp; 20 drms., Order, Antwerp; 210 csks., Hercules Powder Co., Rotterdam.

**GUM**—Copal, 94 bgs., F H Faunce & Co., Liverpool; 160 bgs., Brown Bros & Co., Antwerp.

**MENTHOL**—2 cs., Order, Rotterdam.

**OILS**—Codliver, 25 bbls., Loos & Dilworth, Kristiansand; Haarlem, 28 pkgs., H R Lathrop & Co., Inc., Rotterdam; Olive Oil Food, 400 bbls., Order, Messina; 200 bbls., Order, Palermo; Palm Kernel, 300 drms., Order, Hamburg.

**POTASH**—38 csks., Order, Hamburg; Caustic, 50 drms., Order, Hamburg; Murate, 300 bgs., Potash Importing Corp., Hamburg; Sulfate, 200 bgs., Potash Importing Corp., Hamburg.

**SODIUM**—Nitrate, 1,026 bgs., R W Greiff & Co., Inc., Brevik; Sulfide, 165 drms., Order, London; 1 drms., Order, Hamburg; 100 bgs., Order, Hamburg.

**WHITING**—250 bgs., Order, Dunkirk.

## IMPORTS AT BALTIMORE

Oct. 2 to 8

**ARSENIC**—White, 100 drums, 60,500 lbs., Meteor Products Co., New York, Hamburg.

**BONE MEAL**—4,514 bgs, 613,238 lbs., F H Shaltis Co., Buenos Aires.

**FLUOR SPAR**—434 tons, H Hollesen, Inc., New York, Manchester.

**MOLASSES**—1,300,000 gals., Cuba Distilling Company, Cienfuegos; 1,300,000 gals., Cuba Distilling Company, Nuevitas.

**OIL RAPE**—10 bbls., two tons, Samuel Shapiro & Co., Hull.



**POTASH**—Manure Salt, 946,040 lbs., F H Shallus Co., Hamburg; 798,609 lbs., F H Shallus Co., Heinrich Arp., Hamburg; Muriate, 1,104,400 lbs., Potash Importing Corp., Hamburg; 750 bags, 150,711 lbs., F H Shallus Co., Hamburg; 500 bags, 100,474 lbs., F H Shallus Co., Hamburg; 750 bags, 150,711 lbs., F H Shallus Co., Hamburg; 600 bags, 120,569 lbs., F H Shallus & Co., Hamburg; 150 bags, 30,162 lbs., F H Shallus Co., Hamburg

**SODA**—Caustic, 75 drums, 89,925 lbs., Roessler & Hasslacher Chemical Co., New York; Hamburg; Nitrate, 4,530 bags, John S. Connor, Iquique; 9,660 bags, W R Grace & Co., Iquique; 10,255 bags, John S. Connor, Iquique; 8,741 bags, John S. Connor, Iquique; 2,056 bags, John S. Connor, Iquique; 3,100 bags, John S. Connor, Iquique; 2,680 bags, John S. Connor, Iquique; 2,632 bags, John S. Connor, Iquique; 1,672 bags, John S. Connor,

Iquique; 104,941 bags, 8,714 short tons, Westel, Duvall & Co., Tecopilla

### IMPORTS AT SAN FRANCISCO

Sept. 26 to Oct. 3

**ARSENIC**—1,000 cases, Pacific-Orient Co., Kobe; 500 cases, Sullivan & Co., Kobe

**COPRA**—286 tons, El Dorado Oil Works, Zamboanga; 2,278 tons, El Dorado Oil Works, Cebu; 411 tons, El Dorado Oil Works, Tobago; 945 tons, El Dorado Oil Works, Legaspi; 293 tons, El Dorado Oil Works, Pombom; 7,629 bags, S L Jones & Co., Kobe; 650 bags, Otis, McAllister & Co., Salina Cruz

**FLOWERS**—Pyrethrum, 50 bales, American Bank, Kobe

**FLUORSPAR**—1,506 bags, Pacific Coast Steel Co., Shanghai

**GLYCERIN**—50 drums, Order, Antwerp; 93 drums, Order, Shanghai; 15 drums, Amer-

ican Finance & Commerce Co., Manila; 15 drums, S L Jones & Co., Manila

**OIL**—Coconut, 150 drums, International Banking Corp., Manila; Linseed, 1,300 cs., Bank of California, N A, Kobe; Olive, 300 bbls., Order, Naples; Wood, 325 tons, Pacific-Orient Co., Hankow; 176 tons, Order, Hongkong

**SEED**—Mustard, 810 bags, Hind, Rolph & Co., Kobe; Rape, 135 bags, Pacific-Orient Co., Kobe

**SODIUM**—Nitrate, 6,453 bags, E I duPont de Nemours & Co., Taltal; 9,213 bags, E I duPont de Nemours & Co., Mejillones

**SPICES**—Cinnamon Quills, 150 bales, D Hecht & Co., Colombo; 175 bales, Paul I Fagan, Colombo; 70 bales, W R Grace & Co., Colombo; 50 bales, Otis, McAllister & Co., Colombo; Ginger, 70 cases, Kwong Kee Chan, Hongkong; Pepper, 50 bags, W J Byrnes & Co., Barcelona; 100 bags, Order, Barcelona; Nutmegs, 66 bags, Bank of California, Singapore

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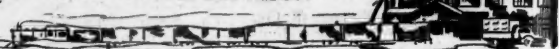
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Sulphur  
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## Bids and Proposals

THE Bureau of Supplies and accounts, Navy Department, Washington, D. C., will receive bids October 13 for 19,000 lbs. dry lead, sched. 4463; 10,000 gals. coal tar naphtha, sched. 4456, and 50,000 lbs. rosin, schedule 4457.

BIDS are wanted October 15 under cir. 53 by the quartermaster intermediate depot, Philadelphia, for 9 lbs. sulphuric acid, 10 lbs. sodium chloride, 5 lbs. potassium hydrate, 10 lbs. carbon tetrachloride, 5 lbs. benzol, 8 lbs. ammonium hydrate.

FORMALDEHYDE—Sealed Bids are wanted October 8 by the commanding officer, Picatinny Arsenal, N. J., cir. 3706, for 650 lbs. formaldehyde.

Sched. 4431, 142,000 lbs., titanium tetrachloride, opening of October 6.

THE general purchasing officer, the Panama Canal, Washington, will open bids October 1 under cir. 2395, for 200 gals cutting oil, 20 gals sperm oil, 50 gals castor oil, 500 gals grease, 10,000 gals ethyl alcohol, 1,000 lbs copper sulphate.

THE general purchasing officer, the Panama Canal, Washington will open bids October 9 cir. 1697, for ferro silicon, powdered graphite, turpentine, linseed oil, petroleum spirits, hard oil, burning oil, benzene, quicklime, tar, cresote oil, alcohol.

## Business Opportunities

LIVE SALES AGENCIES wanted by manufacturer, industrial specialties in central northwestern and western sections. Buchanan Chemical Co., Norwood PO Cincinnati, Ohio.

AURAMINE—Manufacturing chemist with highly successful record of large scale manufacture of Auramine now available. Full information to responsible parties on request. Box 307 DRUG & CHEMICAL MARKETS.

CHEMICAL Sales Representative desires agency of reliable Chemical House for Eastern Territory. Large Chemical following. Headquarters New York. References. Write Box 305 DRUG & CHEMICAL MARKETS.

"EUROPE".—English chemical firm, established 68 years, headquarters London, with highly developed selling organization in Great Britain, and agents throughout Europe, would consider really attractive first class agencies for European countries. Best references, American and others. Interview New York or easy distance from 21st September. Write Box 296 DRUG & CHEMICAL MARKETS.

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IMPORT—Export man, 15 years experience buying and selling Drugs, Chemicals and Pharmaceuticals, formerly Hamburger Broker, several years employed first class houses New York, Correspondent, Typist, desires position with reliable firm. Box 306 DRUG & CHEMICAL MARKETS.

CHEMIST—Dr. of Science—Organic, experienced in synthetic organic chemistry in laboratory and plant, acquainted with synthetic essential oils, sulpho-colours, pyroxylins, lacquers and pharmaceuticals, wants position. Box 308 DRUG & CHEMICAL MARKETS.

CHEMIST, Manufacturing experienced Pharmaceuticals, Wholesale cosmetics. Drug Proprietary Medicine, Flavoring Extracts Toilet Products. Will go into laboratory and produce results. Box 289, Drug & Chemical Markets.

THOROUGHLY qualified expert in the manufacture of flavoring extracts of any kind European and American experience. Seeks position with conservative house as assistant or plant manager, Box 284, Drug & Chemical Markets.

SALESMAN—Desires position in chemical, toilet goods, or allied fields. Has sold labels, seals, etc. to drug and chemical trades. Will take inside or outside position offering good opportunity. Willing to start at moderate salary. Box 303, DRUG & CHEMICAL MARKETS.



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M. Motor.

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**MACHINERY WANTED**—In the market to purchase pharmaceutical manufacturing equipment such as bottle filling machine, mixing tank, pump, bottle washer, percolators, ointment filling machine, laboratory glassware, and other manufacturing equipment; in reply give prices and descriptions. Address Box 313 **DRUG & CHEMICAL MARKETS.**

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PASSAIC, NEW JERSEY



**STATEMENT OF THE OWNERSHIP, MANAGEMENT, CIRCULATION, Etc.,—REQUIRED BY THE ACT OF CONGRESS OF AUGUST 24, 1912.**

Of Drug & Chemical Markets, published weekly, at New York, N. Y., for Oct. 1, 1925, State of New York, County of New York—**as:**

Before me, a notary public in and for the State and county aforesaid, personally appeared N. W. Haynes, who, having been duly sworn according to law, deposes and says that he is the publisher of the Drug & Chemical Markets, and that the following is, to the best of his knowledge and belief, a true statement of the ownership, management (and if a daily paper, the circulation), etc., of the aforesaid publication for the date shown in the above caption, required by the Act of August 24, 1912, embodied in section 411, Postal Laws and Regulations, printed on the reverse of this form, to wit:

1. That the names and addresses of the publisher, editor, managing editor, and business manager are: Publisher, N. W. Haynes, 25 Spruce St., New York City; Editor, F. F. Burgin, 25 Spruce St., New York City; Managing Editor, none; Business Manager, N. W. Haynes, 25 Spruce St., New York City.

2. That the owner is: (If owned by a corporation its name and address must be stated and also immediately thereunder the names and addresses of stockholders owning or holding one per cent or more of total amount of stock. If not owned by a corporation, the names and addresses of the individual owners must be given. If owned by a firm, company, or other unincorporated concern, its name and address, as well as those of each individual member, must be given.) Drug & Chemical Markets, Inc., 25 Spruce St., New York City; N. W. Haynes, 25 Spruce St., New York City; 112 P. MacNair, 25 Spruce St., New York City.

3. That the known bondholders, mortgagees, and other security holders owning or holding 1 per cent or more of total amount of bonds, mortgages, or other securities are: (If there are none, so state.) None such.

4. That the two paragraphs next above, giving names of the owners, stockholders, and security holders, if any, contain not only the list of stockholders and security holders as they appear upon the books of the company but also, in cases where the stockholder or security holder appears upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting, is given; also that the said two paragraphs contain statements embracing affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security holders who do not appear upon the books of the company as trustees, hold stock and securities in a capacity other than that of a bona fide owner; and this affiant has no reason to believe that any other person, association, or corporation has any interest direct or indirect in the said stock, bonds, or other securities than as so stated by him. N. W. Haynes, Publisher.

Sworn to and subscribed before me this 2nd of Sept., 1925 G. H. Raymond, Notary Public, Kings County No. 143, Certificate filed New York County No. 383, New York Co. Register's No. 5306 (My commission expires March 30, 1926.)

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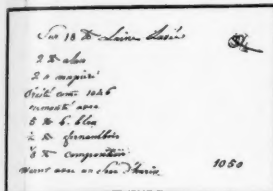
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Rogers & McClellan ....	1100
Rohm & Haas Co. ....	1076
Rolls Chem. Co. ....	1101
Ross-Gould Co. ....	1038
Rudloff F. ....	1099
Seaboard Chemical Co. ....	1086
Seeley & Co. ....	882
Selden Co., The ....	1083
Sjostrom, C. G. V. ....	963
Solvay Process Co. ....	1085
Starkweather Co., J. U. ....	963
Sterling Borax Co. ....	1103
Suter & Co., Eugene ....	1079
Technical Economist Corp. ....	1102
Thompson, Hayward Chemical Co. ....	1101
Uhe, Geo. ....	1097
Ulrich Chemical Co., The ....	1100
Ungerer & Co. ....	1093
U. S. Industrial Alcohol Co. ....	—
U. S. Industrial Chemical Co. ....	1046
Van Dyk & Co. ....	882
Victor Chemical Works ....	1082
Wiarda, John C. ....	1096
Wilson Labs. ....	959
Wing & Evans ....	1085
Winkler & Bros. Co., Isaac ....	1086
Wirz, A. H. ....	978
Wishnick-Tumpeer Chem. Co. ....	1100
Wrackmeyer & Co. ....	1023



Recipe from the  
Ancient French Dye Recipe Book



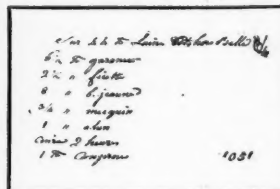
TRANSLATION

To 18 lbs. washed wool  
2 lbs. alum  
2 lbs. vinegar  
treated as 1046

Topped with  
5 lbs. Blue wood  
1/2 lb. Pernambuco wood  
1/4 lb. composition  
soften with one pail of urine

1050

Recipe from the  
Ancient French Dye Recipe Book



TRANSLATION

To 44 lbs. Wool out of bale

6 1/2 lbs. crapp  
2 1/2 lbs. ficette  
8 lbs. yellow wood  
3/4 lb. "Muquin"  
1 lb. alum

Boil 2 hours  
1 lb. Copperas

1051

This ancient French dye recipe book is now in possession of the General Dyestuff Corporation. Among other recipes of historical interest it contains the formulae for the world famous French Gobelines.

No. 1 of a series of advertisements based on the dye recipes that established the supremacy of French textiles in the XVIIIth Century

WASHINGTON was inaugurated President when this collection of dyeing recipes was used for the production of fast colors in France. Now, after 136 years, these hand-penned formulae possess a deep historical and scientific interest. They graphically display the tremendous advance made by the dyestuff industry since 1789. Users of dyestuffs now have at their disposal many colors of far better fastness and easier method of application. The highest requirements of industry are today met by the types offered by us, and include the products of

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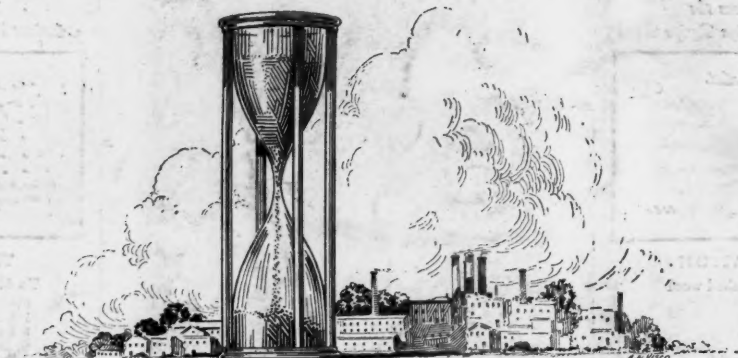
and other European manufacturers

GENERAL DYESTUFF CORPORATION

Successor to Dyestuff Department of H. A. METZ & CO., Inc.

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